Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.61

RARY
CEIVED
N 30 1933
riculture.

L.C. Transfer

Tulips for Color Harmony

Late-flowering Tulips are most effective when planted in lots of 25, 50, and 100 of one kind, arranging the varieties in accordance with a definite scheme of color harmony or contrast. The four varieties which we picture above have been specially chosen for a fresh, unhackneyed color combination and will make a superb picture in any garden. Several of such collections should be planted in sequence, lengthening the borders and increasing the impressiveness of effect.

Jaune d'Œuf. Clear yellow, daintily flushed with lavender and mauve. 70 cts. per doz., $5 per 100.

Princess Elizabeth. A glorious pink Tulip differing from other pink varieties in the vividness of its color. 60 cts. per doz., $4 per 100.

Farncombe Sanders. Clear rose-scarlet, particularly translucent in the bright spring sunshine. 60 cts. per doz., $4 per 100.

Euterpe. Lovely soft lavender-violet of exquisite daintiness. 60 cts. per doz., $4 per 100.

GENERAL COLLECTION OFFER:

25 bulbs each of the above 4 varieties (100 bulbs in all) $4.00

50 bulbs each of the above 4 varieties (200 bulbs in all) $7.50

100 bulbs each of the above 4 varieties (400 bulbs in all) $14.50

250 bulbs each of the above 4 varieties (1000 bulbs in all) $35.00

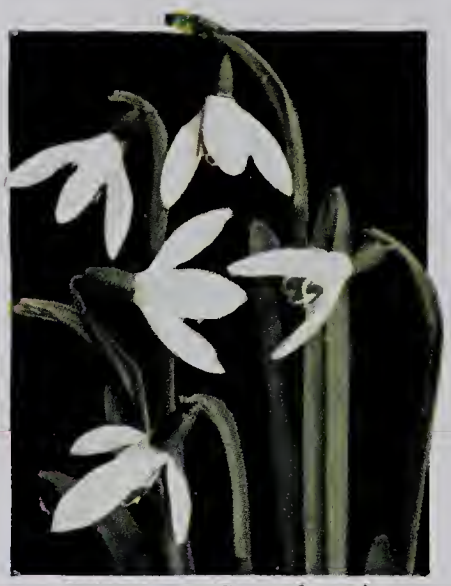
Bulbs for 1932

Stumpp & Walter Co
NEW YORK CITY

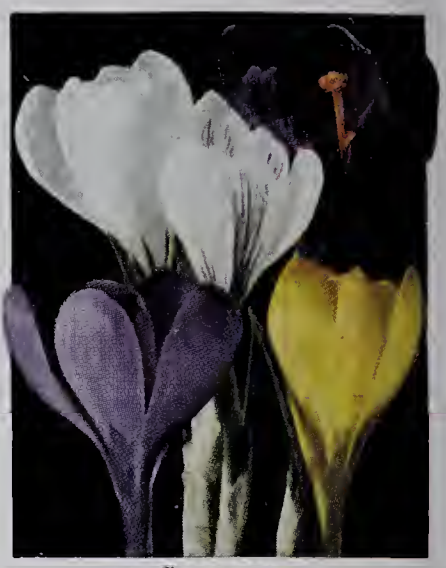
Autumn Planting

Scilla sibirica, Blue

Scilla campanulata, Blue



Galanthus (Snowdrops)



Crocuses

Ten Fine Bulbs for the Rock-Garden

PLANT DURING OCTOBER AND NOVEMBER

Tulipa Kaufmanniana

The surest way to have early spring flowers in the rock-garden is to tuck in numerous pockets of the bright-colored, early spring-blooming bulbs. We are happy to gather on this page a collection of ten of the choicest varieties. All of them grow easily and will endure, increasing from season to season to fine clumps which can be divided from time to time and moved to other portions of the garden.

Tulipa Eichleri

Scilla sibirica, Blue (Siberian Squill). The plants increase rapidly and soon make a sheet of blue invaluable for edging. 50 cts. per doz., $3 per 100.

Scilla campanulata, Blue (Wood Hyacinth). An excellent plant for naturalizing if a rock-garden is not available. 50 cts. per doz., $3 per 100.

Galanthus. Snowdrops are the earliest flowers of spring, sometimes opening their snowy blossoms in February. 50 cts. per doz., $3 per 100.

Mixed Crocuses. Plant in single clumps through the rock-garden. 50 cts. per doz., $3 per 100.

Tulipa Kaufmanniana. The earliest and largest of wild Tulips. $1 per doz., $8 per 100.

Tulipa Eichleri. This Tulip makes a fine display in the rock-garden. 80 cts. per doz., $6 per 100.

Tulipa Clusiana. The "Little Lady" or "Candlestick" Tulip is greatly admired for the dainty grace of its tall, slender stems and the long, narrow buds of cherry-rose and white. 90 cts. per doz., $7 per 100.

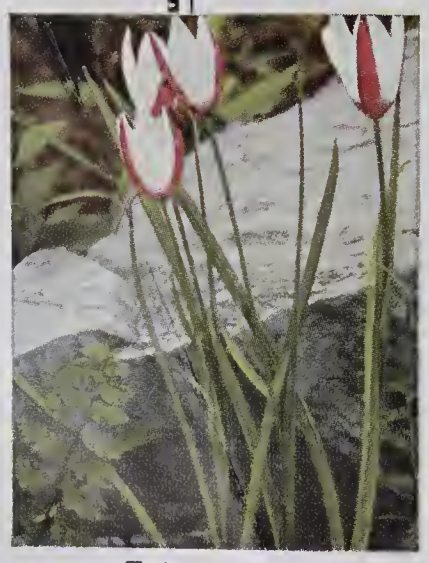
Chionodoxa luciliæ. The Glory-of-the-Snow resembles the scilla at first glance, except that the flowers are held face-up instead of nodding. A delightful edging plant. 40c. per doz., $2.50 per 100.

Grape Hyacinths. These queer little flowers are very hardy and permanent, and will spread with the lushness of a weed. 50 cts. per doz., $3 per 100.

Fritillaria meleagris, Mixed. The Guinea Hen Flower is a very dainty and rare rock-garden plant which is best adapted to semi-shade or low, moist parts. 50 cts. per doz., $3 per 100.

SPECIAL COLLECTION OFFER

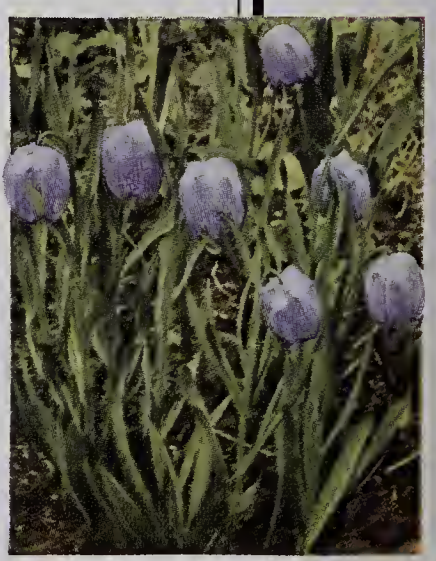
10 bulbs each of the above varieties, 100 bulbs...$5 00
25 bulbs each of the above varieties, 250 bulbs...10 00



Tulipa Clusiana

Chionodoxa luciliæ

Blue Grape Hyacinths



Fritillaria meleagris

SEP -7 1932 ©CIA A 102961

BULBS . . .
for Autumn Planting

IN presenting this Catalogue to our readers, we do so with the confidence which has come to us after a very extensive experience during the past 35 years in growing as well as in learning the best sources of supply for what we term High Quality Bulbs only.

Many of the finest exhibition Daffodil blooms at the International Flower Show, held at the Grand Central Palace, New York City, every year in March, are produced from bulbs grown on Long Island. It is agreed by many Daffodil experts that no better flowers are exhibited at any of the spring shows held in the leading cities of the United States than those exhibited at the New York Flower Show for the past four years.

We are glad to report at this writing that the Daffodils grown at our Mile-Front Farm, at Islip, Long Island, have continued to do well with us, and at the present time the crop indicates an improvement over the crops of previous seasons.

The bulbs offered in this Catalogue are grown in America, Bermuda, France, Japan, and Holland, but principally in Holland. The reports of crop conditions in these countries generally are less favorable than they were when our Advance Bulb Catalogue was issued on May 1. Notwithstanding these reports and the advancing prices of some of the better varieties of Tulips from Holland, advances in prices have been made only on a very nominal number of varieties.

Our New Building

OUR new headquarters on Church Street at the corner of Warren Street, New York City, three blocks north of our old location, is a modern building perfectly equipped as one of the most up-to-date seed, bulb, and garden supply establishments in the world.

The location is most convenient, and Church Street has recently been widened to 80 feet, relieving the traffic conditions and providing a subway entrance from the new 8th Avenue line at our door.

Of particular interest to possible buyers is the scientific ventilating, cooling, and drying system installed in the bulb-storage cellars to keep the bulbs, as they are received, in the finest condition to insure their vigor and productivity after planting.

Come in; we shall be glad to show you around and to allow you to inspect the facilities for caring for your bulbs and seeds before they are delivered to you.

TIME OF DELIVERY

Bulbs and roots mature and ripen during the late summer and autumn and shipments will be made as follows in the absence of instructions to the contrary.

SEPTEMBER—includes **Lilium Harrisi, Lilium formosum, Lilium candidum, Freesias,** and **Bulbous Irises.**

OCTOBER OR MAIN SHIPMENT—includes the general line of bulbs, such as **Tulips, Narcissi, Hyacinths, Crocus,** and **Miscellaneous Bulbs** listed on pages 33 to 36.

NOVEMBER AND DECEMBER—includes **Liliums** and **Lilies-of-the-Valley.** We endeavor to get all Liliums and Lilies-of-the-Valley shipped by early December. We, however, frequently do not receive the three varieties of Japanese Lilies, as listed on pages 30 and 31, namely, **auratum, magnificum,** and **album,** from the Orient until the ground has become frozen in some parts of the country. These may be kept in a cool cellar and planted in the spring, or, if you so advise, we can ship these three items in the spring.

TERMS OF PAYMENT

We do not send bulbs C. O. D. unless you request it, but ship your order when bulbs arrive, mailing invoices at the same time, and all bills are due in 30 days, net.

SHIPPING INSTRUCTIONS

We ask for full shipping directions. State whether bulbs are to be shipped by parcel post or express, and by what route. In the absence of instructions we ship by whatever method and route we believe best.

WE FURNISH ALL BULBS,
6 of a variety at the dozen rate; 25 of a variety at 100 rate; 250 of a variety at 1,000 rate

NEW YORK PHONES:

BArclay { 7-1110 7-1111 7-1112
7-1113 7-1114 7-1115

Copyright, 1932, by Stumpp & Walter Co.

Stumpp & Walter Co

132-138 Church Street
(at Warren)
NEW YORK CITY

BRANCH STORES: White Plains, N. Y., Newark, N. J., Stamford, Conn., Hempstead, L. I., Englewood, N. J.

GIANT DARWIN TULIPS, May-Flowering

For the herbaceous border, massed in clumps along the edge of shrubbery, or as cut-flowers for vases, these are conceded to be the superior of all the Tulips

The most useful Tulips for garden decoration and cutting are found in the Darwin class. These Tulips are characterized by clear, fresh colors, usually free from mottlings, overlays, or feathered edges, and include all shades known in Tulips except brown and buff. The rare pure yellow is now available in recently introduced Darwin varieties. Their flowers are deep, bowl-shaped, borne on stiff stems 2 to 3 feet high, depending upon variety and cultivation, and make the garden gay for several weeks in May, extending into June in the northerly districts.

A few fine new "Ideal Tulips," produced by crossing the Darwins and Single Earlies, have been included in this section. They bloom earlier than the true Darwins but are otherwise very much like them. This is the most popular class of Tulips, and varieties selected from this list are sure to please everyone by their beauty, evenness, and certain flowering. Many of the finest exhibition varieties in our list can now be purchased at much lower prices than last year. We urge a trial of these new and rare kinds.

CULTURE.—Bulbs should be planted 5 to 6 inches deep and not less than 5 inches apart. Sand to the depth of ½inch at the base of the bulbs will amply repay the trouble by the provision for drainage during wet weather. For forcing, bulbs should be planted as soon as received, and the flowers appear to better advantage if pots a trifle deeper than the ordinary bulb-pans are used. We recommend what are termed azalea-pots for this purpose. A temperature of 55 to 60 degrees is recommended, for if allowed to "come gently," larger flowers and longer stems may be had.

Afterglow. Deep, rosy orange, with salmon shading at edges of petals; inside deep orange with yellowish base. A sport of Baronne de la Tonnaye, which is of remarkable interest because it is the first instance of a Darwin sporting to the Breeder tones. A showy Tulip for outdoors. Height 26 inches.
60 cts. per doz., $4 per 100, $38 per 1,000

Anton Mauve. A splendid exhibition variety on account of its wonderful stately habit. The flower is of unusually large size, and an even tone of deep bluish lilac. Excellent for the border or for pots. Height 32 inches.
90 cts. per doz., $7 per 100, $68 per 1,000

Aphrodite. Clear, silvery rose-pink with white base; a good-sized round flower of exquisite color on a very tall, stiff stem. Height 34 inches.
90 cts. per doz., $7 per 100, $68 per 1,000

Baronne de la Tonnaye. A long and beautiful flower; clear carmine-rose at the mid-rib, base toning off to soft pink at the edges; white, tinged blue. An old favorite that continues to grow in popularity on account of its sturdy habit, large flower, pleasing color, and excellent blooming qualities. Height 26 inches.
60 cts. per doz., $4 per 100, $38 per 1,000

Bartigon. Fiery crimson with white base. A variety largely grown by the commercial florist on account of its brilliant color. May be forced indoors to bloom in early February. Height 26 inches. **60 cts. per doz., $4 per 100, $38 per 1,000**

Bleu Aimable. A beautiful tint of pale lavender, shaded steel-blue, with white base starred blue. Good-sized flower of very distinct shape. Height 26 inches.
70 cts. per doz., $5 per 100, $48 per 1,000

Bleu Celeste. A Tulip of wonderful size and shape. The color is a bright violet-purple with white base tinged blue. A splendid variety that can now be had at a more reasonable price. Height 30 inches. **$2.50 per doz., $20 per 100**

City of Haarlem. Intense dark scarlet with darker bloom; large steel-blue base and white halo. Wonderful cup-shaped flower, with petals incurving slightly at the tips. One of the finest brilliant red Darwins. Quite the largest-flowered Tulip, and a winner in its class at many Tulip exhibitions. It is offered at much lower prices this year. Height 27 inches.
90 cts. per doz., $7 per 100, $68 per 1,000

Clara Butt. Beautiful clear salmon-pink. No variety offered by us has the same distinctive and pleasing color. Height 22 inches. **60 cts. per doz., $4 per 100, $38 per 1,000**

Giant Darwin Tulips (May-Flowering), continued

Dream. Large flower, perfect in form, on a tall, strong stem; color rosy lilac and mauve, with claret-purple interior. Handsome in combination with dark lavender and purple shades. Height 24 inches. **70 cts. per doz., $5 per 100, $48 per 1,000**

Dresden China. One of the gems among the new Ideal Darwin Tulips. Beautiful pale lilac-rose, elegantly shaped flower of true Darwin type. A variety that is much admired in our trial-grounds. Height 25 inches.
$4 per doz., $30 per 100

Duchess of Hohenberg. Pale slaty lilac-mauve, with stripe of rosy heliotrope; inside pale lilac, with white base. Enormous, long flower on a tall, stiff stem. Splendid exhibition variety. Height 29 inches.
$2 per doz., $15 per 100

Eclipse. A large, deep, rich, glowing blood-red flower of fine form. The best of its color. A popular variety at all Tulip exhibitions on account of its large flower, long stem, and wonderful substance. Height 30 inches.
$2 per doz., $15 per 100

Edmee (Beauty). A beautiful shade of cherry-rose with a lighter border. On the order of Baronne de la Tonnaye, but brighter in color. Height 25 inches.
70 cts. per doz., $5 per 100, $48 per 1,000

Elephant. Smoky lavender, flushed blue on outer petals, pure white base. A very large flower on a graceful stem. One of the early Darwins and used for exhibitions on account of its length of stem and size of bloom. Height 32 inches.
40 cts. each, $4 per doz., $30 per 100

Euterpe. Beautiful mauve-lilac, edged paler lilac. A long flower of exquisite color. Splendid lavender for contrasting with yellow and bronze varieties. Height 26 inches.
60 cts. per doz., $4 per 100, $38 per 1,000

Farncombe Sanders. A bright shade of scarlet, with a clear white base, contrasting well when the flower is fully open. Broad-petaled flower of large size. One of the best among the less-expensive reds for forcing or border planting. Height 25 inches. **60 cts. per doz., $4 per 100, $38 per 1,000**

Faust. Rich, dark satiny purple-maroon, with a blue base. Very large flower of fine form. Quite the best in its color. Height 30 inches. **80 cts. per doz., $6 per 100, $58 per 1,000**

Feu Brillant. Brilliant clear scarlet, a color rather between City of Haarlem and Eclipse, but not quite as large a flower. Splendid for the border. Height 28 inches.
70 cts. per doz., $5 per 100, $48 per 1,000

Flamingo. An even tone of pale shell-pink. A very exquisitely colored Darwin, of refined coloring and form. While not a large flower, splendid for the border when planted in contrast with lavender varieties. Height 28 inches.
70 cts. per doz., $5 per 100, $48 per 1,000

Giant. Flower of enormous size and wonderful substance. Deep reddish purple shaded violet. Quite the finest variety of this color, and one that can now be had at a much lower price. Height 30 inches. **90 cts. per doz., $7 per 100, $68 per 1,000**

Gloria Swanson. A new Ideal Darwin Tulip which we believe has a future on account of its splendid lasting qualities. The enormous flower, borne on a strong stem, is an even tone of crimson-red, which is lighter when grown indoors. Height 32 inches. **$6 per doz., $45 per 100**

Golden Age. Among the many new yellow Darwins of recent introduction, this giant variety is quite the finest. It is a bright golden orange—distinctly a new shade in yellow Tulips—and a fine, strong grower with exquisitely shaped flowers. Splendid for exhibition. Height 29 inches.
$1.25 each, $12.50 per doz.

Helen Wills. One of the finest of the rosy lilac shades with white base and bright blue halo. Large flower of perfect form, lasting a long time in bloom. Height 26 inches.
$2 per doz., $15 per 100

Jubilee. Considered by Tulip fanciers as one of the finest of the blue-purple varieties. Huge flower of superb form and color. A first-prize variety at many Tulip exhibitions. Height 29 inches. **90 cts. per doz., $7 per 100, $68 per 1,000**

Kathleen Parlow. A distinct and new shade among the light rose-pink varieties—silvery rose-pink; inside soft old-rose with creamy white base. Flowers are of large size, excellent substance, and are borne on long, strong stems. Height 30 inches. **$2 per doz., $15 per 100**

King George V. Perhaps best described as a glowing salmon-scarlet, shaded bright rose, with a blue base. A flower of very large size and splendid form. One of the most popular varieties for exhibition, and can now be had at a much lower price. Height 26 inches.
90 cts. per doz., $7 per 100, $68 per 1,000

King Harold. Intense ruby-crimson, center rich black. Very tall and of fine form. A very rich deep color. Very distinct. Height 24 inches.
60 cts. per doz., $4 per 100, $38 per 1,000

La Fiancee. Deep rose, shading to old-rose and delicate pink at the edges, with blue base. Of large size, and very effective when planted with mauve and dark lavender sorts. A very handsome variety that can now be obtained at a much lower price. Height 30 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

La France. A new Ideal Darwin. Delicate pink, resembling the La France rose in color, with a pure white center—a new and lovely shade. Large, well-formed flower, borne on strong, stiff stem. Height 28 inches. **$6 per doz., $45 per 100**

La Tristesse. Deep slaty blue, with white base—a very distinct color. Splendid when planted with pale yellow and bronze varieties of the Cottage and Breeder Tulips. Height 26 inches. **80 cts. per doz., $6 per 100, $58 per 1,000**

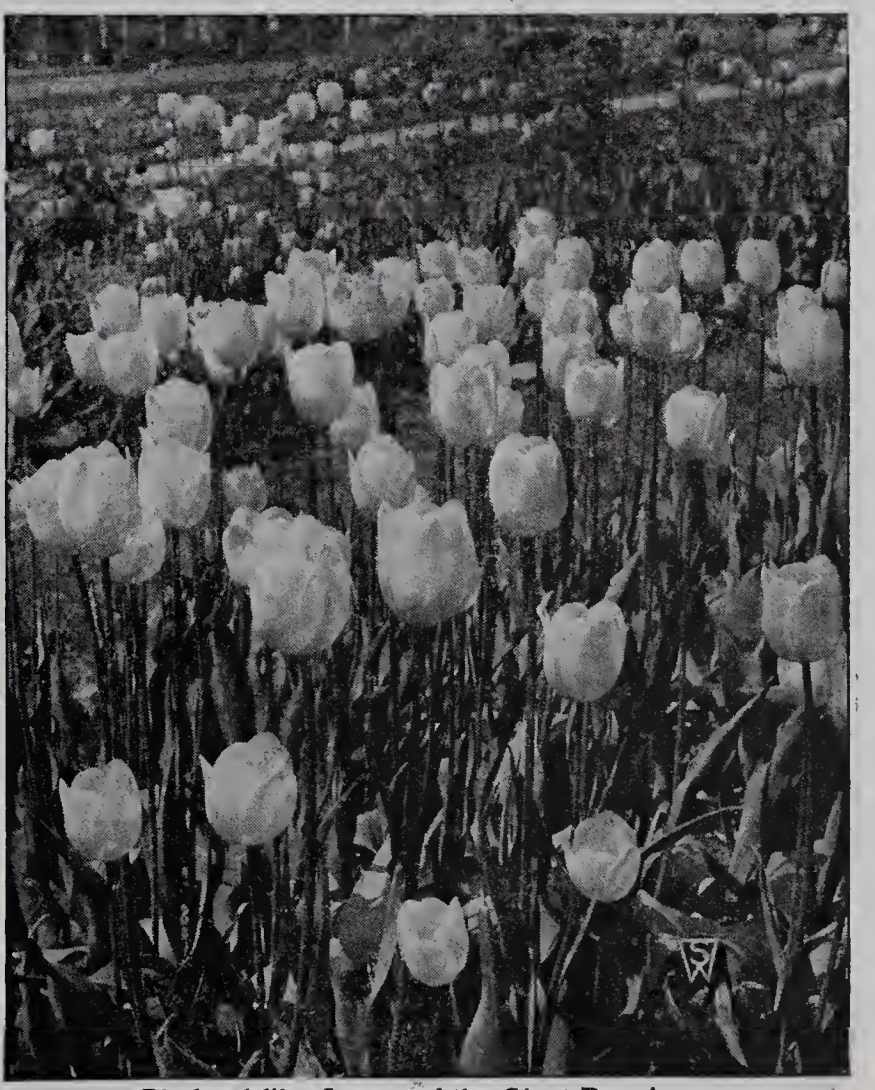
La Tulipe Noire (The Black Tulip). The nearest in color to the so-called "Black Tulip"—deep maroon-black which has a velvety sheen in the sunlight. Height 25 inches. **70 cts. per doz., $5 per 100, $48 per 1,000**

Laura. An interesting new color in the Darwins—beautiful light violet, broadly edged white; white center. Height 28 inches.
$1.30 per doz., $10 per 100, $98 per 1,000

Lilac Wonder. Another Ideal Darwin Tulip of distinct merit on account of its lovely color—bright porcelain-blue with a white base. The flowers are large, of splendid substance, and possess excellent keeping qualities. **$2 per doz., $15 per 100**

Louise de la Valliere. Brilliant cherry-rose with pale blue base starred white. A very clear and beautiful color. This and King George V are two Tulips that are always admired in our Trial-Gardens on account of their lively color and large size. Splendid for exhibition. Height 24 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

Maya. A large, well-formed flower of soft heliotrope, borne on a good strong stem. One of the finest novelties of recent introduction and can now be had at a much lower price. Height 30 inches. **$2.50 per doz., $20 per 100**



Big bowl-like flowers of the Giant Darwins

Giant Darwin Tulips (May-Flowering), continued

Melicette. Beautiful pure lavender, shading to paler lavender at the edges, with a beautiful blue base. A very lovely variety. Height 26 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

Mrs. William R. Hearst Jr. A true Darwin-shaped Tulip of excellent form and substance. This pure white variety is splendid for exhibition. Height 26 inches.
$2.50 each, $25 per doz.

Mrs. Potter Palmer. Large, bright purplish violet flower with white base. Very attractive for border planting. Height 28 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

Darwin Tulips in bloom with Wisteria

Mystery. An unusual flower of a deep shiny black color with blue base. Much used for exhibition purposes on account of its size. Height 30 inches. **$2.50 per doz., $20 per 100**

Orange Perfection. A very striking variety on account of its color, which is perhaps best described as a brilliant salmon-orange, with a bright blue base. The large, well-proportioned flower is borne on a tall, stiff stem. Splendid for the border. Height 30 inches. **$2 per doz., $15 per 100**

Philippe de Comines. A grand flower of dark, polished mahogany color, with a purple base. One of the best of the less-expensive sorts in this color. Height 24 inches. **60 cts. per doz., $4 per 100, $38 per 1,000**

President Harding. A variety which has proved very fine for exhibition work. The large, deep purple flower, shaded violet, is borne on a tall, strong stem. Can now be obtained at a much lower price. Height 32 inches.
$1 per doz., $8 per 100, $78 per 1,000

Pride of Haarlem. Magnificently formed flower of immense size, brilliant, deep rose, shaded scarlet, with light blue base. This variety is perhaps the most widely known for its stately habit and glorious color. Height 36 inches.
60 cts. per doz., $4 per 100, $38 per 1,000

Prince of the Netherlands. Glowing cerise-scarlet, edged rose, with a blue base. A large flower of striking color, borne on strong, stiff stem. Height 31 inches. **70 cts. per doz., $5 per 100, $48 per 1,000**

Princess Elizabeth (Julie Vinot). Beautiful clear deep pink, changing with age to rose-pink; white base. Large flower, quite like a rose when first open. Height 26 inches. **60 cts. per doz., $4 per 100, $38 per 1,000**

Princess Mary. Bright carmine-rose with margin of rose-pink; inside clear carmine-rose with blue base and white halo; huge flower on a splendid stem. A magnificent variety in every way and much admired at Tulip exhibitions. Can now be obtained at lower prices. Height 28 inches.
$2.50 per doz., $20 per 100

Queen of Hearts (Mrs. S. H. Taft). A beautiful sport of that excellent forcing scarlet variety, Farncombe Sanders. It is best described as an apple-blossom-pink. Large, bold flower. Excellent for forcing for exhibition. Height 30 inches. **$2 per doz., $15 per 100**

Raphael. Deep maroon-purple of rich tone, with blue base starred white. Very tall, large flower. The best reddish purple. Height 30 inches. **$1 per doz., $8 per 100, $78 per 1,000**

Remembrance. Perhaps best described as a pale slaty lilac of a peculiar silvery tone. A large flower, borne on strong, stiff stem. Height 25 inches.
90 cts. per doz., $7 per 100, $68 per 1,000

Rev. H. Ewbank. An exquisite shade of soft lavender-violet, slightly shaded silver-gray. A variety of great merit on account of its lovely color. Flowers borne on stems 23 inches long. **60 cts. per doz., $4 per 100, $38 per 1,000**

Ronald Gunn. Bright shade of violet, edged pale lavender, with a conspicuous white base. A flower of splendid shape and even more exquisite when grown in pots. Height 26 inches. **90 cts. per doz., $7 per 100, $68 per 1,000**

Sir Trevor Lawrence. Violet-maroon, with flush of ashy purple; inside violet-maroon with white base; very large, cup-shaped flower, on tall stem. Height 33 inches. **90 cts. per doz., $7 per 100, $68 per 1,000**

The Bishop. One of the most outstanding Tulips at most Tulip exhibitions, and conceded the finest in its class whether grown in the border or in pots indoors. Best described as the purest heliotrope shade in the Darwins. A large, bowl-like flower of very artistic coloring. Can now be obtained at a much lower price. Height 30 inches. **$2 per doz., $15 per 100**

Valentin. One of the earliest Darwins to come in bloom in our trials. Best described as a soft heliotrope, shaded light violet. A long, large flower borne on a strong, stiff stem. Splendid when planted with pale yellow Cottage Tulips, such as Lemon Queen or Moonlight. Height 26 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

Venus. A splendid exhibition variety and the finest of its color. Pure, even tone of silvery rose, white base, marked with a pale blue ring. A large, well-formed flower of very pleasing color. Can now be obtained at a much lower price. Height 28 inches.
90 cts. per doz., $7 per 100, $68 per 1,000

White Giant. We consider this and Zwanenburg quite the finest of the many new introductions in white Ideal Darwin Tulips. The large, well-formed flower is of splendid substance, borne on a strong, stiff stem. Height 30 inches.
$5 per doz., $40 per 100

Giant Darwin Tulips (May-Flowering), continued

Darwin Tulips planted in the foreground of the shrubbery border

White Queen. When first opening is pale rose but quickly turns white. A good, moderate, pure white variety that is superior to Painted Lady which we have discarded.
60 cts. per doz., $4 per 100, $38 per 1,000

William Copland. Uniform lilac-rose. May be forced as early and as easily as the Early Tulips. The color, when grown indoors, becomes a most beautiful lavender. Height 24 inches. **70 cts. per doz., $5 per 100, $48 per 1,000**

William Pitt. Very dark crimson, with purplish bloom on the outer petals. Large flower of distinct color and one that can be forced in bloom early. Height 24 inches.
70 cts. per doz., $5 per 100, $48 per 1,000

Yellow Giant. A rich deep golden yellow, fine, large, globular flower, carried on long, strong stem. Splendid for exhibition. Can now be obtained at a much lower price. Height 28 inches. **$2 per doz., $15 per 100**

Zulu. Deep, velvety purple-black; large, egg-shaped flower of very distinct form. Fine for border or forcing. Height 27 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

Zwanenburg. This variety, which first appeared in a specialist's culture, was noted by us in 1913 when there existed six bulbs. It is the first example of a pure white Darwin. This fine variety can now be had at a lower price. Height 28 inches.
90 cts. per doz., $7 per 100, $68 per 1,000

Superb Prize Mixture. The wonderful interest in these splendid Tulips has brought out a great many varieties too numerous for listing, except those considered the best. In addition to some of the varieties listed above, our mixture contains an equal proportion of many others. Brilliant effects may be obtained by the planting of this mixture of choice named sorts.
50 cts. per doz., $3.50 per 100, $32 per 1,000

First Prize for this Exhibit was awarded to Mrs. Roswell Eldridge, Great Neck, N. Y., James Esson, Superintendent, at the New York Flower Show held in March, 1932, at the Grand Central Palace

Holland Gold Shield

One of the most coveted prizes competed for at the New York Flower Show, held each year at the Grand Central Palace in March, is that offered for the finest Tulip border. These borders contain over a thousand specimen blooms of Darwin, Breeder, and Cottage Tulips grown in 4-inch pots. Nowhere in the world are more outstanding Tulips exhibited.

The competition this year brought out five exhibits which tested the skill of five of the best professional gardeners in the Metropolitan area. Bulbs were supplied by Stumpp & Walter Co.

DUTCH BREEDER TULIPS, May-Flowering

Breeder Tulips are very similar in habit to the Darwins, and flower at the same time. Their chief characteristic is their immense blooms, borne on strong, stiff stems, many of them longer than the most gigantic Darwins. The revival of the taste for art colors has made these Tulips, at one time very popular in England, strong favorites with American enthusiasts, who find in their bronze, buff, and brown shades excellent material for contrasting with the light and bright colors of the Darwins. **They require the same cultural treatment as the Darwins.**

Abd-el-Kader. Dull bronze-yellow, shading to light bronze at edge of petals; inside bronze-brown, with olive-green base; good-sized flower. Height 26 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

Bacchus. Dark violet-blue, the outside of the petals having a darker bloom; base starred white. The nearest approach to dark blue in late Tulips. Fine for contrasting with bronze varieties. Height 28 inches. **80c. per doz., $6 per 100, $58 per 1,000**

Brocade. A new shade in Breeder Tulips, best described as deep golden yellow shaded bronze on the outer petals. Large, well-formed flower of splendid substance, borne on strong, stiff stem. Height 30 inches. **$5 per doz., $40 per 100**

Bronze Queen. Large, soft golden bronze flower of sturdy habit. A very exquisite color when forced and splendid for the border. Height 28 inches.
60 cts. per doz., $4 per 100, $38 per 1,000

Cardinal Manning. A splendid shade of rosy violet, with a slight edge of bronze. Large flower of fine form. Height 28 inches.
70 cts. per doz., $5 per 100, $48 per 1,000

Cherbourg. This is, undoubtedly, one of the finest Breeder Tulips ever introduced. We are able to offer only a limited quantity of it. Its color is best described as a deep tone of golden yellow, with a suffusion of terra-cotta, the deeper tone of yellow growing stronger toward the edges of the petals. The flower is much admired on account of its gigantic size and beautiful color. Can now be obtained at a much lower price. Height 32 inches.
$3.50 per doz., $25 per 100

Copernicus. Dark coppery bronze, flushed old-rose; interior warm brown with yellow base. An attractive, large flower, borne on strong stems. Height 28 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

Coridion. Clear yellow, with a faint suffusion of lilac—a very dainty color. Fine for shrubbery borders. Height 24 inches. **$1.50 per doz., $12 per 100**

Dillenberg. A new variety much on the order of the Cottage Tulip Dido, but of a brighter and deeper tone best described as a glorious salmon-orange. The blooms are of perfect shape and distinct color. Height 28 inches.
$3.50 per doz., $25 per 100

Dom Pedro. Coffee-brown, shaded maroon, inside rich mahogany; large flower; very fragrant. Height 21 inches. **70 cts. per doz., $5 per 100, $48 per 1,000**

Fairy. Reddish mahogany, with bronze shading; an extra-large flower of artistic character. Splendid in borders or for late forcing. Height 24 inches.
70 cts. per doz., $5 per 100, $48 per 1,000

Garibaldi. One of the finest Breeders as yet introduced. Pale lilac-bronze, with a broad primrose-yellow margin. A long and graceful flower. We are pleased to state that we can offer this variety at a much lower price this year. Height 31 inches.
$3.50 per doz., $25 per 100

Godet Parfait. Dark blue-purple, with white base and blue halo; very large flower of striking color. Height 30 inches. **80 cts. per doz., $6 per 100, $58 per 1,000**

Goldfinch. Elegantly formed, large, pointed flower. Rich golden chestnut, inside deep mahogany-brown, yellow base. Height 30 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

Heloise. A beautiful shade of dark brown, shaded old-rose; yellow base, marked olive-green. Large flower of wonderful color and very prettily reflexed petals. Height 28 inches.
$1 per doz., $8 per 100, $78 per 1,000

Dutch Breeder Tulips (May-Flowering), continued

Ilias. Frequently described as a hybrid Tulip. A soft purple, changing to heliotrope as the flower ages; large flower of distinct shape. Excellent variety for contrasting with pale yellow Cottage Tulips or bronze Breeder varieties. Height 26 inches.
90 cts. per doz., $7 per 100, $68 per 1,000

Indian Chief. Reddish mahogany flushed purple, edged warm brown with age; yellow base. A huge flower of wonderful substance and most artistic shape, carried on a very tall stem. A splendid exhibition variety that can now be had at a much lower price. Height 33 inches. **$2.50 per doz., $20 per 100**

James Watt. A new Breeder of exquisite form and coloring. Deep slaty violet, flushed bronze; inside dark mahogany, shaded brown; fine green base starred white. Height 26 inches. **$1.30 per doz., $10 per 100, $98 per 1,000**

Jaune d'Oeuf. Ruddy apricot, inside soft yellow, with black base and anthers; very striking variety. Height 21 inches. **70 cts. per doz., $5 per 100, $48 per 1,000**

Le Miroir. An even tone of brilliant violet-blue; large white base margined blue. A very attractive flower and a distinct shade in the Breeders. Height 29 inches.
$1.20 per doz., $9 per 100, $88 per 1,000

Le Mogol. A variety of unusual color in Breeder Tulips—pure lavender-mauve, with soft silver sheen; inside deep mauve-lilac; white base and blue halo. A flower of medium size, but exquisite coloring. Height 26 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

Louis XIV. An even tone of dark purple, with a broad margin of golden bronze; green-black base starred yellow; very large flower of wonderful substance. A very fine variety and one that instantly meets with favor when grown. Height 30 inches.
70 cts. per doz., $5 per 100, $48 per 1,000

Lucifer. Clear orange, with a rosy flush and olive base, with yellow star; very large flower on a tall stem. A gorgeous color which glows like a fire. Height 24 inches.
90 cts. per doz., $7 per 100, $68 per 1,000

Marechal Victor. Pale lavender-violet, with broad edge of buff shaded bronze; inside violet, faintly flushed mahogany with beautiful green base—a wonderful color combination which we have seen in no other Tulip. A large flower of open, graceful form. Tall and holds the bloom well poised. Height 28 inches. **$2.50 per doz., $20 per 100**

Marginata. An attractive variety on account of its effective color—an even tone of apricot-orange, with a distinct yellow border. Height 28 inches.
90 cts. per doz., $7 per 100, $68 per 1,000

Mrs. Beecher Stowe. Large flower of fine form on strong stem. One of the finest deep purple varieties with a velvety bloom on the outer petals. Very effective on account of its large size and strong color. Height 30 inches.
$2 per doz., $15 per 100

Newton. Dark purple, with plum bloom on outer petals. A flower of the same tone as Darwin Jubilee, but not so large. One of the tallest Tulips. Height 35 inches.
60 cts. each, $6 per doz., $45 per 100

Old Times. Dull garnet, edged primrose-yellow, with greenish base; rather long flower of somewhat pointed form. A showy Breeder of English origin. Height 24 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

Pink Pearl. A Breeder quite the finest of its color. The outside of the flower is a lilac-pink, inside rose; beautiful white base. A magnificent, large, egg-shaped flower. Height 26 inches. **$1.30 per doz., $10 per 100, $98 per 1,000**

Prince Albert. Golden brown, with purple flush through center of petals, which disappears as the flower ages. Height 32 inches. **80 cts. per doz., $6 per 100, $58 per 1,000**

Prince of Orange. Dark terra-cotta-brown, shaded yellow, with a yellow base starred black. Splendid for the border and good for forcing. Height 24 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

Rayon d'Or. One of the gems among the new Breeder Tulips. The color is a bright golden bronze, edged bronzy yellow, with olive center. Large, well-formed flower of splendid substance, borne on strong, stiff stem. Height 26 inches.
$3.50 per doz., $25 per 100

Roi Soleil. This fine Breeder Tulip is a combination of shades—rich dark violet, flamed with bronze; large flower borne on a strong stem. Height 28 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

Salomon. Silvery lilac, flushed buff when opening; inside slightly deeper tone, with large, white base. The very long, loosely formed flower is carried on a graceful stem. Height 30 inches.
90 cts. per doz., $7 per 100, $68 per 1,000

St. James. Dark rosy lilac, edged bronzy tan, with coppery rose flush at tips of petals; inside ruddy mahogany, edged golden brown with yellow and green base. A large flower on tall stems. Height 28 inches. **80c. per doz., $6 per 100, $58 per 1,000**

Sundance. A very beautiful orange, flushed bronze, edged light bronze. Large, well-formed flower of splendid substance, borne on strong, stiff stem. Height 25 inches.
$3 per doz., $25 per 100

Turenne. Purplish brown, with a broad margin of soft yellow. A very large flower and on account of its unique coloring very attractive for group planting. Height 28 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

Velvet King. Deep, glossy purple-maroon, with a white base; flower of gigantic size, lasting a long time in bloom. A magnificent Tulip for the border or shrubbery and forms an effective contrast when planted with the light-colored Tulips. Height 28 inches. **80 cts. per doz., $6 per 100, $58 per 1,000**

Vulcain. Reddish apricot, with a broad margin of bright buff-yellow; inside dark apricot, edged yellow; dark green base starred yellow. A beautifully shaped flower and in color unlike any other Tulip. Height 25 inches.
90 cts. per doz., $7 per 100, $68 per 1,000

Dutch Breeder Mixture. A choice mixture of many varieties of this type of Tulip. Magnificent combinations of colors and shades from beautifully flushed white to deep wine-red, art bronze and darkest maroon.
60 cts. per doz., $4 per 100, $38 per 1,000

Breeder Tulips

COTTAGE AND HYBRID TULIPS

MAY-FLOWERING

The Cottage Tulips, like the Darwins, flower late. Many of the varieties are used extensively for late bedding and are magnificent for this purpose. The pale primrose, deep yellow, and splendid white sorts are often planted with the Darwins for effects of contrast. The following list we feel sure contains most of the best varieties. Certain sorts, like some of the Darwins, will flower a few days earlier than others, but on the whole the earliest is just at its best when the latest-flowering variety is just beginning to show bloom. We have included many of the finest of the new late-flowering Hybrid Tulips. They are the results of crossing the Darwin with Cottage Tulips, and bloom at the same time as the other May-flowering varieties. We have added to our list several outstanding varieties of Triumph Tulips. These are crosses between the Darwins and Single Earlies. They bloom with the earliest of the Darwins out-of-doors, and can be brought into bloom in the greenhouse in early February.

Cottage Tulips, Barbara Pratt

Advance. A gorgeous new hybrid introducing into the Cottage strain the blood of *Tulipa Greigi*, the fieriest red of the botanicals. It produces giant, blazing red flowers on 24-inch stems. **$1 each, $10 per doz.**

Ambrosia. This beautiful new variety of Hybrid Tulip contains a combination of shades—bronze with rosy lilac glow; inside of the large, well-shaped flower is a salmon-orange tone. An interesting new Cottage Tulip. Height 28 inches. **80 cts. per doz., $6 per 100, $58 per 1,000**

Arethusa. The large, urn-shaped flower is of true Cottage form, of a light shade of chrome-yellow. A new variety greatly admired on account of its size, lovely form, and fine, erect stem. Height 25 inches. **$1 per doz., $8 per 100, $78 per 1,000**

Argo. The large flowers are globes of rich yellow at first, powdered with scarlet dots at the edges, which suffuse the whole bloom eventually, making a vivid orange flower. Height 26 inches. **80 cts. per doz., $6 per 100, $58 per 1,000**

Avis Kennicott. A rich, deep shade of yellow, with a striking black base and anthers. One of the best of the newer varieties. Height 25 inches. **80 cts. per doz., $6 per 100, $58 per 1,000**

Barbara Pratt. Rich, light cochineal-carmine, edges lilac-rose, with narrow green edge; anthers yellow. A very beautiful Tulip with slightly reflexed petals. Highly recommended for exhibition. In a test of over one hundred varieties of New and Rare Tulips in the writer's garden, this variety was very frequently commented on. We consider it one of the finest Tulips of recent introduction. Height 36 inches. **50 cts. each, $5 per doz., $40 per 100**

Carrara. This Tulip, when first exhibited, in 1921, was considered the finest new white variety. Blooms broadly cup-shaped, with rounded petals that all come to the same level when the flower is half open. Height 26 inches. **$1 per doz., $8 per 100, $78 per 1,000**

Dido. A large, well-formed flower of rich orange-rose tone, with margin of bright orange-yellow, inside bright orange with yellow base. We believe this variety will be very popular next year and its greatly reduced price will find it in greater demand. Height 30 inches. **$1 per doz., $8 per 100, $78 per 1,000**

Gesneriana lutea. One of the best of the well-known Gesneriana family. A bedder of unsurpassed qualities, with perfect-shaped flowers of purest golden yellow, on strong stems holding the flowers perfectly erect. Height 24 inches. **60 cts. per doz., $4 per 100, $38 per 1,000**

Gesneriana spathulata or major. The beautiful curved flowers are brilliant scarlet, with a bluish black center, on tall stems. Height 18 inches. **60 cts. per doz., $4 per 100, $38 per 1,000**

Grenadier. A Tulip of great beauty and of an unusual and striking color—brilliant orange-red throughout. The flowers are large, very sweetly scented, and borne on sturdy stems. Excellent for both beds and borders. Height 24 inches. **70 cts. per doz., $5 per 100, $48 per 1,000**

Hammer Hales. Golden brown, flushed old-rose; inside bright apricot, edged bronze-yellow, with a yellow base. Height 24 inches. **70 cts. per doz., $5 per 100, $48 per 1,000**

Cottage and Hybrid Tulips (May-Flowering), continued

Honeymoon. This new Hybrid Tulip, which is a soft primrose much on the order of Moonlight, is a splendid variety in every way and a welcome addition to the pale yellow sorts. Height 28 inches. **$1 per doz., $7 per 100, $68 per 1,000**

Illuminator. Very deep flowers with pointed petals, opening bright yellow edged red, but quickly assuming a vivid orange-scarlet tone of surpassing brilliance. Height 18 inches. **$1 per doz., $8 per 100, $78 per 1,000**

Inglescombe Pink (Salmon Queen). Beautiful soft rosy pink, slightly flushed salmon; large, globular flower of excellent form. Adapted for borders or late forcing. Height 22 inches. **60 cts. per doz., $4 per 100, $38 per 1,000**

Inglescombe Yellow. A beautiful variety. Size, form and height greatly resemble the Darwins, so much so that it is frequently called the "Yellow Darwin," a fitting title. Height 22 inches. **60c. per doz., $4 per 100, $38 per 1,000**

Jeanne Desore. A beautiful new Hybrid Tulip, the result of a cross between a Darwin and a Cottage Tulip. It is a rather striking color-combination—a deep orange-yellow with a broad border of scarlet toward the edge of the petals. The long, well-formed flower is of splendid substance, and borne on strong, stiff stem. Height 28 inches. **$3.50 per doz., $25 per 100**

John Ruskin. Salmon-rose, edged soft lemon-yellow, inside deep rosy lilac—a beautiful combination of colors; large flower of fine shape on a graceful stem. Height 16 inches. **70 cts. per doz., $5 per 100, $48 per 1,000**

Leda. A very lovely variety, best described as rosy red outside, peach-blossom inside, with splendid light blue and white base. The flowers are large, of excellent form, and are borne on strong stems, held well erect for the size of the flower. Height 25 inches. **$1.50 per doz., $10 per 100, $98 per 1,000**

Lemon Queen. This new Hybrid Tulip is much superior to Flava and Vitellina which we have discarded this year. A soft lemon-yellow with long petals of splendid substance. Height 28 inches. **$1 per doz., $7 per 100, $68 per 1,000**

Lord Carnarvon. (Triumph.) Urn-shaped flowers of soft rose-pink, edged creamy yellow. The distinct edging color turns to white as the flower ages. Blooms are somewhat pointed. Quite early in flowering. Height 25 inches. **80 cts. per doz., $6 per 100, $58 per 1,000**

Marjorie Bowen. A very unusual shade—a combination of buff and salmon which passes to deep rose-pink with salmon shading. The large, well-formed flower is borne on a fine strong stem. Height 24 inches. **$3 per doz., $25 per 100**

Mayflower. Considered the largest Tulip in existence. It is a beautiful fiery scarlet, reminding one of the brilliance of the Oriental poppy, and is a result of a cross between Gesneriana Spathulata and the botanical Tulip, Greigi. One of the latest of the May-flowering Tulips to bloom. Height 30 inches. **$5 per doz., $40 per 100**

Memphis. (Triumph.) Giant blooms of a soft combination of dull pink and golden yellow set off by glittering black anthers in the center. Superb over a carpet of forget-me-nots. **$1.30 per doz., $10 per 100, $98 per 1,000**

Miss Willmott. A pale primrose-yellow of true Cottage form. In good demand on account of its delicate color. Height 18 inches. **70 cts. per doz., $5 per 100, $48 per 1,000**

Mizar. (Triumph.) A new introduction that will become a favorite when better known. The large blooms are purplish rose, with an edge of light amber. As the flower ages it passes to rose-pink, with a flesh-pink edge. Height 28 inches. **$1.30 per doz., $10 per 100, $98 per 1,000**

Mongolia. There have been a great many Seedling Tulips introduced recently, both in light and dark yellow shades, but we think that this is one of the finest and largest in the deep yellow class. Flowers egg-shaped, of great substance, carried on tall, strong stem. Height 32 inches. **75 cts. each, $7.50 per doz.**

Monsieur Mottet. (Bunch-flowered.) White, faintly flushed shell-pink as the flower ages. Round bloom with rather pointed petals. This very interesting Tulip is of branching habit, giving six or more flowers from a single stem. Height 24 inches. **90 cts. per doz., $7 per 100, $68 per 1,000**

Moonlight. Bright canary-yellow; splendid, large flower, oval in shape, outer petals slightly reflexed at the tips. An excellent yellow for combination with the Darwin varieties and has long been a favorite. Height 22 inches. **70 cts. per doz., $5 per 100, $48 per 1,000**

Mrs. Moon (Fulgens lutea maxima). Deep golden yellow; large flowers of good substance, slightly reflexing, somewhat approaching the "lily-flowered" shape. Height 24 inches. **80 cts. per doz., $6 per 100, $58 per 1,000**

Mr. Zimmerman. (Triumph.) Big, starry flower of translucent white and gold, each petal broadly edged with glowing pink. A clear, clean-looking Tulip of the new hybrid, early-flowering type. Height 23 inches. **$2 per doz., $15 per 100**

Orange King. Beautiful deep orange, shaded rose, inside deep orange-scarlet with a yellow center. Very sweetly scented. Height 23 inches. **70 cts. per doz., $5 per 100, $48 per 1,000**

Orient. Rich, glowing, warm pink, slightly touched with amber at the edges of the petals, which frequently measure 6 inches in length, making a slender flower, with slightly reflexing petals. A splendid Tulip for exhibition. Height 30 inches. **$1.10 per doz., $9 per 100, $88 per 1,000**

Pride of Inglescombe. White, broadly edged deep crimson-rose; white base, shaded blue. A long and excellently shaped flower, somewhat like Picotee but brighter in color. Very attractive for its fresh, clear color when planted in masses. Height 25 inches. **70 cts. per doz., $5 per 100, $48 per 1,000**

Cottage Tulips, Dido

Cottage and Hybrid Tulips (May-Flowering), continued

Triumph Tulips, Lord Carnarvon

Professor Tendeloo. (Triumph.) Exquisite blooms of a most curious tone of red, tending to soft crimson, with a sharp, light lemon edging to each petal and a brilliant gold heart. Height 22 inches.
$1.10 per doz., $9 per 100, $88 per $1,000

Quaintness. Old-gold, flushed deep rose; inside old-gold, shaded mahogany. Immense flower with very long petals. Height 24 inches. **80 cts. per doz., $6 per 100, $58 per 1,000**

Rosabella. This beautiful novelty—the finest introduction in Cottage Tulips of recent years—is, perhaps, best described as a beautiful shade of salmon-rose. One of the finest of the new Hybrid Tulips which can now be purchased at a much lower price. Height 24 inches.
90 cts. per doz., $7 per 100, $68 per 1,000

Sagittarius. (Triumph.) Big, globe-like flowers of pearly white becoming a soft, half-transparent rosy pink as they develop. A most delicate and charming variety. Height 22 inches
$1.10 per doz., $9 per 100, $88 per 1,000

Sir Harry. Pale lavender-pink of an unusual tone. Large flower of pointed shape, quite broad at the base. A fine variety for exhibition or pots. Height 26 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

Vesta. This new hybrid is one of the finest white varieties in this class of wonderful Tulips. It opens a creamy white, but quickly changes to pure white. This and Carrara are two of the finest white Tulips in the Cottage section.
90 cts. per doz., $7 per 100, $68 per 1,000

Walter T. Ware. Deep golden yellow, the deepest and richest color among late Tulips; broad, globular flowers reflexing at the top. Height 18 inches.
80 cts. per doz., $6 per 100, $58 per 1,000

Zommerschoon. One of the oldest of Cottage Tulips—a combination of ivory and carmine. Height 20 inches. **$5 per doz., $40 per 100**

Superb Mixture. A select assortment, covering almost every conceivable color and shade. Those who have not grown these Tulips, and desire a mixture for trial purposes, can depend on getting every color that obtains in this beautiful class of Tulips.
60 cts. per doz., $4 per 100, $38 per 1,000

Lily-flowering Tulips

This type of Tulip, which is now becoming popular in American gardens, is the result of crossing the urn-shaped Tulip, Retroflexa, with one of the pink Darwins. The varieties, some of which we have previously listed among our Cottage and Hybrid Tulips, are very decorative, and the flowers are urn-shaped with long, recurving petals, giving them a lily-like shape. They bloom at the same time as the Darwin, Breeder, and Cottage Tulips.

ALASKA. One of the finest of the new Hybrid Tulips. The flowers are long, the outer petals slightly reflexed and of an even tone of pure yellow. Height 28 inches. **$1.30 per doz., $10 per 100, $98 per 1,000**

ARTEMIS. Best described as a deep clear rose-pink, similar in type to Retroflexa, except its color. A splendid Tulip for the herbaceous border. Height 30 inches. **80 cts. per doz., $6 per 100, $58 per 1,000**

ELEGANS ALBA. Creamy white, with maroon margin of carmine-rose. Large flower, with reflexing petals, similar to Picotee, except that the color does not spread as the flower ages. A dainty variety for planting in beds with ground-cover of forget-me-nots. Height 20 inches.
$1.30 per doz., $10 per 100, $98 per 1,000

PICOTEE (Maiden's Blush). White, margined deep rose, the color suffusing the whole flower as it ages; medium-sized flower, reflexing. Grand for the border. A large bed planted to this variety is a sight that will not easily be forgotten. Height 20 inches. **60 cts. per doz., $4 per 100, $38 per 1,000**

RETROFLEXA SUPERBA. Light yellow, very decorative, urn-shaped Tulip, with long, recurving petals, giving a distinct lily-like effect. Height 18 inches.
$1 per doz., $8 per 100, $78 per 1,000

SIRENE. This beautiful lily-flowering Tulip is a lovely variety not only on account of its color, but because of the exquisite urn-like shape of the flower. A rich cerise-pink, white base. Splendid for exhibition. Height 26 inches.
70 cts. per doz., $5 per 100, $48 per 1,000

YELLOW PICOTEE. Beautiful canary-yellow, margined deep rose. A yellow counterpart to the well-known variety, Picotee. A showy bedder. Height 20 inches. **80 cts. per doz., $6 per 100, $58 per 1,000**

Sirene Tulip

Striped and Feathered May-Flowering Tulips

BYBLOEM AND BIZARRE TULIPS

Bybloem and Bizarre Tulips are "rectified" Breeder types. The Tulips are of an old race which has been grown in Holland and in France since the beginning of the seventeenth century, and which caused the famous Tulip craze in 1635. The Bybloems are queerly striped and feathered rose or violet on a white ground. The Bizarres have dark brown stripes and feathering on a yellow ground. The varieties offered are the newer sorts, and the flowers are larger than the older and smaller-flowering sorts. They flower about the same time as the Breeder and Darwin Tulips but do not grow quite so tall, and are seen at best advantage when planted in clumps in the herbaceous border or among evergreens and shrubs. The stems average from 18 to 23 inches in height.

Rose Bybloem Tulip, Athalia

ADMIRAL KINGSBERGEN. (Rose Bybloem.) Bright crimson, feathered and flamed with white; large flower, borne on a stiff stem. **$2 per doz., $15 per 100**

ATHALIA. (Rose Bybloem.) Big, bold flowers of mottled crimson-scarlet and white, with a contrasting blue circle in the center. Very handsome. **$1.30 per doz., $10 per 100, $98 per 1,000**

BLACK BOY. (Bizarre.) Dark brown flower with golden filigree work over the petals and deep black feathering. Neat, handsome shape. **$1 per doz., $8 per 100, $78 per 1,000**

EMPEREUR DE MAROC. (Bizarre.) Dappled dull, but vivid crimson and gold—a very rich combination. **$1 per doz., $8 per 100, $78 per 1,000**

GLORY OF HOLLAND. (Violet Bybloem.) Superb white flower with bold feathering and veinings of fresh lavender-purple. Clear, bright colors. **$2 per doz., $15 per 100**

LADY STANLEY. (Violet Bybloem.) Another white variety with dark blackish violet flames of sharp, distinct outline. A stunning Tulip. **$1.20 per doz., $9 per 100, $88 per 1,000**

OVIDIUS. (Bizarre.) Dull bronzy red veins and flames over a yellow base, giving the effect of mahogany-brown. Unique. **$1.20 per doz., $9 per 100, $88 per 1,000**

PRINS MAURITZ. Bright yellow striated with golden brown, a glowing, fervid combination. **$1.20 per doz., $9 per 100, $88 per 1,000**

REINE DE HOLLANDE. (Rose Bybloem.) Bowl-shaped blooms of glowing carmine waved and whorled over a white base. Curious and beautiful. **$1.20 per doz., $9 per 100, $88 per 1 000**

ROMEO. (Bizarre.) Jolly brown and gold of a strong ruddy shade. Very distinct and handsome for bedding because of its even stature. **$1 per doz., $8 per 100, $78 per 1,000**

VONDEL. (Violet Bybloem.) Violet flames and feathering overlaying a dazzling white base, and suffused delicately throughout with pale lavender. Very handsome. **$2.50 per doz., $15 per 100**

ROSE BYBLOEMS, MIXED. **80c. per doz., $6 per 100, $58 per 1,000**

VIOLET BYBLOEMS, MIXED. **80c. per doz., $6 per 100, $58 per 1,000**

BIZARRES, MIXED. An excellent mixture of choice named sorts. **80 cts. per doz., $6 per 100, $58 per 1,000**

PARROT TULIPS

These peculiarly formed and brilliantly colored Tulips are ideal for home decoration. In the garden, they are not suited to formal beds as their stems, with the exception of Fantasy, introduced by us in 1927, do not hold the flowers erect. They are, however, very effective in informal borders and in front of shrubbery and evergreens.

Fantasy. A sport of the Darwin Tulip, Clara Butt, exactly the same beautiful true pink, except that the inside color is even more intense—a delightful warm pink, thrilling to the eye of the Tulip-lover. The petals of this quaint flower are laciniated and the outside, or back, is artistically marbled with apple-green. Fantasy grows the same height as Clara Butt and blooms at the same time outdoors. Unlike the other Parrot Tulips offered by us, it has a strong stem. Height 27 inches. **20 cts. each, $2 per doz., $15 per 100**

Admiral of Constantinople. Bright scarlet, shaded orange.
Cafe Brun. Deep yellow, striped and stippled orange-brown.
Cramoisi Brillant. Rich blood-crimson, with black marking; very large flowers of distinct coloring.
Lutea Major. Clear yellow, with a few crimson and green blotches and stripes.
Markgraaf van Baden. Orange, shaded and feathered purple and green, inside yellow.

Price of any of the above varieties, except Fantasy, 80 cts. per doz. $6 per 100, $55 per 1,000

Fantasy Tulip

REMBRANDT TULIPS

Rembrandt Tulips are in reality "broken" forms of Darwin Tulips. Each year many of our best varieties of Darwin Tulips show a tendency to break, or become variegated. These Tulips, on account of their odd colorings and variegations, were very popular at one time, and while the modern tendency to favor self-colors is recognized generally throughout all countries, these broken forms are sometimes preferred and possess splendid decorative value. The stems average from 18 to 22 inches in height. We offer a splendid mixture of this class of Tulips.

80 cts. per doz., $6 per 100, $58 per 1,000

SINGLE EARLY TULIPS

FOR APRIL-BLOOMING OUTDOORS, POTS, AND FORCING

Few, if any, of the spring-blooming flowers rival the Single Early Tulips for brilliancy of bloom or ease of culture. They are excellent subjects for formal beds on the lawn or for garden borders. While they do not possess the same size of bloom and length of stem as the May-flowering Darwin, Breeder and Cottage varieties, they are frequently used where early blooms are desired. Many of the varieties may be forced in bloom in January, while all of them may be easily had in flower in pots late in February or early March.

NOTE.—The letters A, B, and C following the varieties indicate their relative earliness of bloom, but, with few exceptions, most of the varieties bloom outdoors about the same time when planted in masses. The figures indicate the height in inches.

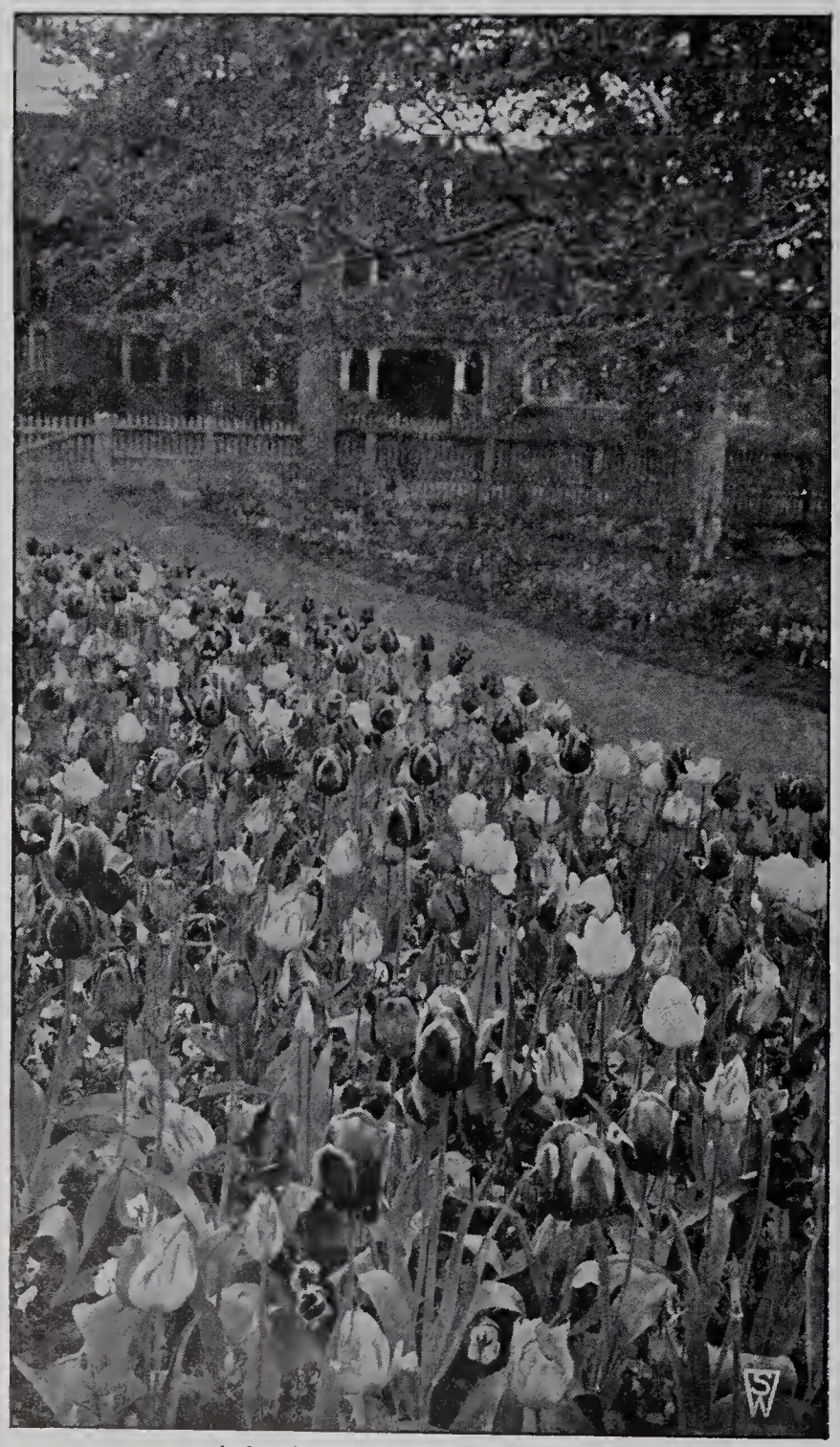
The following list contains the best novelties extant, as well as a complete list of the best standard varieties. We have discarded quite a number of varieties which no longer grow well.

BEST STANDARD AND NEW AND RARE VARIETIES

Brilliant Star. A 12. Bright vermilion-scarlet, same color as Vermilion Brilliant, but larger and of great substance. Splendid early forcer, flowering easily for Christmas.
70 cts. per doz., $5 per 100, $48 per 1,000

Cerise Gris-de-Lin. C 11. Dark carmine-violet, shaded fawn and margined creamy white, with yellow base; large flowers of globular form. A novel bedding variety but must be planted alone. Excellent for March forcing.
80 cts. per doz., $6 per 100, $58 per 1,000

Couleur Cardinal. C 12. Bright crimson-scarlet, with a deeper tone orbloom on the outer petals. A bed planted wholly to this variety is a grand sight. Fine for midseason forcing. **70 cts. per doz., $5 per 100, $48 per 1,000**



A border of Single Early Tulips

De Wet. B 16. Golden yellow, flushed deep orange; large, sweet-scented flower of erect habit. Quite different in color from any other variety.
80 cts. per doz., $6 per 100, $58 per 1,000

Diadem. A 16. A very beautiful new variety when forced early, being an even tone of pearly pink. Excellent for pots or cutting. **$1.50 per doz., $12 per 100**

Flamingo. B 12. Carmine-rose, shaded lighter. The petals are striped white and very crinkled, giving the flower a decidedly artistic appearance. A very popular variety among florists for forcing on account of its odd color and habit.
70 cts. per doz., $5 per 100, $48 per 1,000

Fortuna. A 14. Perhaps best described as a satiny lilac-rose—a very beautiful color without the slightest trace of magenta. Splendid for early forcing. **$1.50 per doz., $12 per 100**

Fred Moore. B 12. An improved form of Thomas Moore. Deep, ruddy apricot, shading at the edges of the petals to dull orange-yellow; center marked olive-green; medium-sized flower; sweet-scented. A lovely color when forced.
70 cts. per doz., $5 per 100, $48 per 1,000

Ibis. B 14. A darker form of Flamingo—brilliant dark pink when grown indoors. Grand exhibition variety.
70 cts. per doz., $5 per 100, $48 per 1,000

Keizerkroon. A 15. Bright crimson-scarlet, edged clear, rich yellow; excellent, large flower on long stem. Fine bedder; splendid for forcing.
80 cts. per doz., $6 per 100, $58 per 1,000

King of the Yellows. A 14. Deep golden yellow, egg-shaped, very substantial flowers carried on tall stems, which makes them excellent for cutting. One of the earliest yellows which should be much more used for early forcing. **80 cts. per doz., $6 per 100, $58 per 1,000**

Lady Boreel (**Joost Van Vondel White**). B 13. Large, long, snowy white; flower of splendid shape. The finest white for bedding, and superb for pots or pans. Cannot be forced as early as White Beauty.
80 cts. per doz., $6 per 100, $58 per 1,000

Le Reve (**Hobbema; Sarah Bernhardt**). C 14. This variety caused considerable favorable comment in our exhibit of bulbs at the New York Flower Show. The color is old-rose, flushed buff; very large, globular flower with rounded petals and carried on a strong stem. Excellent for late bedding.
80 cts. per doz., $6 per 100, $58 per 1,000

Max Havelaar. Very close in color to watermelon-red; rather large, well-formed flowers.
80 cts. per doz., $6 per 100, $58 per 1,000

Mon Tresor. A 12. Large golden yellow flowers of a pure color. Mostly used for growing in pots or pans, for which purpose it is best.
80 cts. per doz., $6 per 100, $58 per 1,000

Moonbeam. B 14. Deep primrose-yellow, shading to soft canary at the edges; very large flower of graceful form. An improved form of Primrose Queen.
$1 per doz., $8 per 100, $78 per 1,000

Pink Beauty. C 12. Bright cherry-rose, center of petals striped white. It has no equal as a bedder, for the stem is strong and the white center of the big, fleshy petals shows up very conspicuously against the broad, vivid rose edges. Does well in pans, but not before March.
90 cts. per doz., $7 per 100, $68 per 1,000

President Lincoln. B 12. Large flower of clear magenta-violet, slightly paler in tone when grown indoors. A variety that looks well when bedded out with a pale yellow variety. **90 cts. per doz., $7 per 100, $68 per 1,000**

Prince of Austria. B 14. Brilliant orange-scarlet, with a clear yellow base. The flower is large and of a very attractive shade when forced. A splendid bedding variety as well. **70 cts. per doz., $5 per 100, $48 per 1,000**

Single Early Tulips, continued

Proserpine. A 14. Rosy carmine, with a white center marked slate-blue; very large globular flower. One of the easiest and earliest forcing Tulips; very sweetly scented.
80 cts. per doz., $6 per 100, $58 per 1,000

Rising Sun. B 15. A variety used for exhibition on account of its pure yellow color and wonderful size and substance. The finest golden yellow Early Tulip introduced to date. **70 cts. per doz., $5 per 100, $48 per 1,000**

Rose Luisante. C 10. Large, brilliant, deep rose-pink flower. Splendid for bedding or pots.
70 cts. per doz., $5 per 100, $48 per 1,000

Van Der Neer. B 12. Dark purple flower of a most brilliant tone and splendid shape.
80 cts. per doz., $6 per 100, $58 per 1,000

Vermilion Brilliant. A 12. Bright, glistening scarlet, with a yellow base; very large flower of perfect shape. Splendid for early forcing.
70 cts. per doz., $5 per 100, $48 per 1,000

White Beauty. C 13. A very lovely sport from Pink Beauty, with large, white flowers of beautiful, globular form and great substance. Splendid for forcing and excellent for outside bedding when used with Pink Beauty.
70 cts. per doz., $5 per 100, $48 per 1,000

S. & W. Co.'s Special Mixture. A mixture consisting of 25 named varieties, blended so as to give an assortment of all possible colors and shades, all of vigorous habit and large size, uniform height and time of blooming.
60 cts. per doz., $4 per 100, $38 per 1,000

Single Tulip Le Reve

DOUBLE EARLY TULIPS

FLOWER JUST AFTER EARLY TULIPS, IN LATE APRIL

Double Tulips are chiefly grown for their showy effects in masses, and are very lasting. Where a display of color is desired they are very satisfactory. Excellent for growing in pots or pans, but should not be forced into bloom very early.

The following list contains many of the best tested novelties, as well as all worth-while standard sorts.

Couronne d'Or (Crown of Gold). B 10. Large, bold flower of rich golden yellow, shaded copper. Excellent for bedding and winter forcing.
70 cts. per doz., $5 per 100, $48 per 1,000

El Toreador. B 12. Bright orange-scarlet, with broad margin of buff-yellow. Excellent for pots or bedding.
90 cts. per doz., $7 per 100, $68 per 1,000

Electra. B 13. Beautiful deep rose flowers of enormous size, feathered violet. Excellent for exhibition. Height 12 inches. **80 cts. per doz., $6 per 100, $58 per 1,000**

Imperator Rubrorum. B 10. Excellent scarlet for bedding and forcing. Still remains among the best of the older varieties.
80 cts. per doz., $6 per 100, $58 per 1,000

Mr. Van Tubergen. B 16. Beautiful golden yellow. Another good sport of that excellent variety, Couronne d'Or, and while not as large as Golden Giant, it is a decided acquisition. **90 cts. per doz., $7 per 100, $68 per 1,000**

Murillo. C 12. Delicate rose-pink, flushed white. Fine for bedding, and excellent for forcing.
70 cts. per doz., $5 per 100, $48 per 1,000

Mystery of India. B 12. Terra-cotta and orange, slightly shaded old-rose; large, well-formed flower on a strong stem. **80 cts. per doz., $6 per 100, $58 per 1,000**

Orange Nassau. B 12. A rather unusual color in Double Tulips—orange-red. A sport from that popular variety, Murillo. Very effective for planting in beds or borders. **$1 per doz., $8 per 100, $78 per 1,000**

Peach Blossom. C 12. Bright rose-pink, flushed white, deepening with age to carmine-rose; large. Excellent for pots. **80 cts. per doz., $6 per 100, $58 per 1,000**

Schoonoord. B 12. A beautiful, pure white sport of Murillo, with the same excellent forcing qualities. One of the best double white varieties, if not the best.
70 cts. per doz., $5 per 100, $48 per 1,000

Triumphator. A lovely rose-pink, one of the finest for bedding and very beautiful when grown under glass. Height 12 inches. **90 cts. per doz., $7 per 100, $68 per 1,000**

Van der Hoef. C 12. A beautiful pure yellow sport of the variety Murillo. A fine variety for forcing.
70 cts. per doz., $5 per 100, $48 per 1,000

Vuurbaak. B 12. Brilliant scarlet, when fully open the flower gets an orange hue. One of the best scarlets for bedding. **70 cts. per doz., $5 per 100, $48 per 1,000**

S. & W. Co.'s Special Mixture. A mixture consisting of 15 named varieties, blended so as to give an assortment of all possible colors and shades, all of vigorous habit and large size, uniform height and time of blooming. 60 cts. per doz., $4 per 100, $38 per 1,000

DOUBLE LATE TULIPS

Among the recent advances made by Tulip hybridizers in Holland, the Double Late Tulip may be counted as a distinct achievement from the standpoint of the wonderful peony-like flowers, strong stems, and well-filled blooms. For mass effect in the herbaceous border there are few Tulips that will give such a wonderful display. This, taken in connection with the unusual colors, should increase their demand by Tulip-lovers. The four varieties listed below bloom about the same time as the May-flowering Tulips listed in our catalogue under the headings, Darwin, Dutch Breeder, and Cottage and Hybrid Tulips.

Bleu Celeste. Large, soft violet-purple flowers of a very pleasing color. A fine Tulip for cutting and excellent for planting in the herbaceous border. Height 14 inches.
$1.60 per doz., $12 per 100

Epicure. One of the finest new Double Late Tulips. Its color strikes a new note in Tulip shades and is perhaps best described as an even tone of rich apricot-salmon that looks particularly attractive in the bright sunshine and is very pleasing under artificial light. Height 20 inches. **$1.60 per doz., $12 per 100**

Mount Tacoma. In form this Tulip is somewhat on the order of a semi-double pure white peony, the petals being slightly laciniated. Another real gem for the herbaceous border on account of its well-formed flower and large size. Height 26 inches. **$1.60 per doz., $12 per 100**

Pensee Rose. Another Tulip of unique color, which is perhaps best described as a deep rose-lavender. The large, well-formed flowers are borne on stems 24 inches tall.
$3.50 per doz., $25 per 100

Botanical Tulips and Species

American gardeners are just beginning to appreciate the resources of the wild Tulips or species. A wide range of brilliant color is represented in their various forms, and they are very permanent plants when once established. Being natives of southern Europe and western Asia, they are accustomed to hot, dry locations, particularly after blooming-time, and should be given sheltered locations exposed to the sun, with the freest possible drainage. Do not fertilize the soil; do not protect them; plant them very deep and let them alone ever after. These Tulips are at home on steep, gravelly slopes or well-drained, sunny places in large rock-gardens; but most of them are too large and too gorgeous for the tiny "rockery." They bloom early and continue for many days. Plant them in clumps, not in serried ranks, and you will bless the day you bought them.

TWENTY FINE NEW AND SCARCE VARIETIES

Kaufmanniana Tulip

ACUMINATA (Cornuta; Stenopetala). This variety has very narrow petals, ending in a threadlike point at the top. The color is yellow, streaked red, very showy and attractive. Height 18 inches. **$1.20 per doz., $9 per 100**

AUSTRALIS. An April-flowering type, with sweetly scented flowers; yellow tinged with reddish bronze on the outside of the petals. An unusual species. Height 16 inches. **$1 per doz., $8 per 100**

BIFLORA. A pretty little species from the Altai Mountains, blooming in early March on branching stems. The flowers are cream-colored, shaded on the outside with purplish rose and green. Height 8 inches. **$2.50 per doz., $20 per 100**

CLUSIANA. The "Little Lady" Tulip. A lovely little variety which originated in Asia Minor. Grows about 8 inches high, flowers as large as a crocus. Outer petals cherry-red, inner petals white with violet base. Should be planted 8 to 9 inches deep in light soils in a sheltered place. Excellent bulb for the rock-garden. **90 cts. per doz., $7 per 100**

DASYSTEMON. A dwarf variety very suitable for rock-gardens. Flowering in early April, they are very charming. The flowers, yellow in color, marked white, are produced freely, several blooms to each plant. Height 6 inches. **$3.75 per doz., $30 per 100**

EICHLERI. This splendid Tulip from Turkestan produces large crimson-scarlet flowers with a glistening black center marked with gold. Height 12 inches. **80 cts. per doz., $6 per 100**

FLORENTINA ODORATA (Sylvestris). Fragrant, rich yellow flowers, frequently two to a stem, with bronze interior, carried on slender stems. An interesting species. Height 18 inches. **90 cts. per doz., $7 per 100**

FOSTERIANA. A magnificent variety from Bokhara, bearing immense flowers of a gorgeous glowing scarlet with center either yellow or maroon and yellow, with the petals long and pointed. The bulbs are very scarce. Height 9 inches. **$5 per doz., $35 per 100**

GREIGI. Flowers very large, brilliant orange-scarlet, with yellow and black center. The curious feature of this Tulip is that the foliage is of a very distinct character, being spotted maroon. Blooms late in April or early in May. Height 10 inches. **$2.30 per doz., $18 per 100**

HAGERI. A very fine brownish red species with a dark center at the base of the flower. Height 10 inches. **$1.30 per doz., $10 per 100**

KAUFMANNIANA. One of the earliest of all the Tulips to come in flower. Creamy white, tinged rosy red, the markings varying. The flowers are very attractive, large in size, with petals reflexing. Blooms early in April. **$1 per doz., $8 per 100**

KUSHKENSIS (The Cotton Tulip). Imported from Turkestan. It has large, brilliant scarlet flowers, having black base with yellow edge. The bulbs produce an enormous amount of cotton and are very unique. Height 8 inches. **$1.30 per doz., $10 per 100**

LINIFOLIA. Another fine species from Bokhara. Glowing scarlet with blue-purple center, flowering in early April. Height 7 inches. **$7.50 per doz., $60 per 100**

MARJOLETTI. Pale yellow, mottled toward the outer petals with scarlet. A lovely species, which blooms outdoors during late April. Height 14 inches. **85 cts. per doz., $6.50 per 100**

MICHELIANA. Bright, deep scarlet flower, base black with small yellow blotches. Foliage striped brown, not spotted as in *Tulipa Greigi*. Height 8 inches. **$1.30 per doz., $10 per 100**

OCULIS SOLIS. A native of southern Europe flowering in early May. The large flowers are crimson with black centers. Height 14 inches. **$1.30 per doz., $10 per 100**

PRÆCOX. When in bud this variety looks rather dull, but when open the color is dazzling scarlet. Very sturdy grower about 14 inches tall. A native of southern Europe. **$1.60 per doz., $12 per 100**

PRÆSTANS TUBERGENI. Orange-red flowers early in April. When fully open, they are a pretty scarlet and measure 6 inches across. The stems and leaves are covered with soft white hairs. Produces as many as six, and even eight, flowers to a stem. Height 14 inches. **$3.25 per doz., $25 per 100**

SPRENGERI. Flowering in late May, this variety is the latest Tulip to bloom. It is a native of Armenia and the flowers are fiery orange-scarlet, shaded buff and orange, with golden anthers. Height 18 inches. **$3.25 per doz., $25 per 100**

VIRIDIFLORA. Known as the Green Tulip. The flowers are pale green, edged creamy yellow; narrow-petaled flowers that open quite wide. Height 20 inches. **$1.20 per doz., $9 per 100**

Clusiana Tulip

NARCISSI or DAFFODILS

No garden would be complete without the Narcissus or Daffodil. The innumerable positions in the garden in which their use may be availed of is responsible for their popularity. It is not only for garden culture that they are largely used, but many of the varieties are extensively grown in pots or pans for indoor decoration during late winter months. Some varieties in our list may be forced into bloom as early as January. Their simple beauty of form, dignity of habit, elegance of bloom and ease of culture, account for the new interest amounting to enthusiasm of flower-lovers all over Europe. Each year we are greeted with a profusion of novelties, many of which, on account of the high prices, are not available for immediate use.

All the varieties of Narcissi or Daffodils offered in our catalogue, with the exception of the Polyanthus Narcissus and such other few sorts as are especially noted, are perfectly hardy, and will continue to flower outdoors each year if given a congenial location and not disturbed. Where they are used for bedding, and must be lifted, it is wise to permit bulbs to remain after flowering until the foliage turns brown down to the ground, then lifted, and the earth shaken from the bulbs; they should be stored in a cool, dry place. Narcissi, like hyacinths, should be planted by early November, and should not be allowed to remain out of the ground so long as tulips, which may be planted up to hard frost.

CULTURE.—Owing to the various sizes of the bulbs, it is not advisable to state the exact depth to plant, but the simple rule of covering the bulb one and a half times its own depth, and making the distance between the bulbs 3 to 4 inches for the smaller sorts and 5 to 6 inches for the larger ones, is a good one. For greenhouse or window-garden culture treat them the same as hyacinths, except that three or more bulbs of one variety should be planted in a pot, and not single specimens.

Where a succession of blooms is desired for outdoors as well as indoors, we have arranged the following code: A, first early; B, second early; C, midseason; D, late; E, very late.

NOTE.—*In describing Daffodils, Narcissi, etc., we have referred to the "perianth" and "trumpet," "crown" or "cup." The "perianth" is the surrounding row of petals or wings, and the other terms apply to the central funnel-like tube.*

SPECIAL NOTICE

American-Grown Daffodil Bulbs

As we were advised in the fall of 1923 by the Federal Horticultural Board that importation of Holland Daffodil bulbs, for commercial sale, would be restricted from entry into the United States after January, 1926, we began immediately to experiment with the production of this much-loved spring-flowering bulbous plant in this country. After extended experiments, we proved that the stock grown at our Long Island farms produced bulbs of high quality, some of the varieties producing hardy, sound, heavier stock than could be grown in Holland.

Giant Trumpet Varieties, Including New and Rare Sorts

The flowers of the Giant Trumpet varieties are of large size; the "perianth," or wing-like petals, according to the variety, measure from 2 to 4 inches across, and the "trumpets," or central funnel-like tubes, vary from 3 to 4 inches in length. Flowers are borne on strong, stiff stems, from 12 to 18 inches high.

Alice Knights. B. White perianth and creamy white trumpet passing to pure white and elegantly recurved at the brim. One of the earliest white trumpets, and a very fine variety. Height 15 inches. **20 cts. each, $2 per doz., $15 per 100**

Cleopatra. B. Primrose-yellow perianth, with broad and overlapping petals; rich yellow trumpet, well frilled at the brim. A variety of refined character and the very finest yellow trumpet of Emperor coloring. Height 18 inches.
35 cts. each, $3.50 per doz., $25 per 100

Duke of Bedford. B. White perianth, with loose, spreading petals and long, deep yellow trumpet well frilled at the mouth. The marked contrast in color between the deep trumpet and the glistening white perianth is very effective. A splendid exhibition sort. Height 16 inches.
35 cts. each, $3.50 per doz., $25 per 100

Emperor. C. Perianth deep primrose-yellow; trumpet rich yellow. A very large flower. Excellent for naturalizing or forcing. Height 18 inches.
15 cts. each, $1.50 per doz., $10 per 100, $95 per 1,000

Empress. C. White perianth of great substance; trumpet rich chrome-yellow. Showy for border or naturalizing. Does equally well forced. Height 18 inches.
15 cts. each, $1.50 per doz., $10 per 100, $95 per 1,000

Glory of Leyden. C. Perianth pale yellow, broad and spreading; very long trumpet of golden yellow. Enormous flower of great vigor and substance. An especially fine variety for borders and excellent for pot culture. Should not be forced hard. Must be planted early. Height 15 inches.
20 cts. each, $2 per doz., $15 per 100

Giant Trumpet Narcissi

1. Van Waveren's Giant.
2. King Alfred.
3. Glory of Noordwijk.
4. Spring Glory.

Giant Trumpet Narcissi, continued

Glory of Noordwijk. B. One of the best and most attractive of the Bicolors; perianth sulphur-white, trumpet chrome-yellow, very long and elegantly reflexed at the brim; of good size and substance. Grand for pots or cutting. Height 14 inches. **20 cts. each, $2 per doz., $15 per 100**

Glory of Sassenheim. B. A beautiful large Bicolor variety, very free flowering and early. The trumpet is an even tone of rich yellow and the perianth a pure white. Height 21 inches. **15c. each, $1.50 per doz., $10 per 100**

Golden Glory. B. A seedling of King Alfred; flower is of same size and coloring but the brim of the trumpet is somewhat more elegantly recurved. Height 20 inches.
40 cts. each, $4 per doz., $30 per 100

Golden Spur. A very early variety with both perianth and trumpet a rich yellow color. One of the earliest varieties in our list. Height 18 inches.
15 cts. each, $1.50 per doz., $10 per 100, $95 per 1,000

King Alfred. B. A king among fine varieties, one that responds splendidly to forcing and one that you should grow a few of. For pans or pots for exhibition, its size, general vigor, and depth of color make it one of the **Finest Giant Golden Yellow Narcissi.** Wherever this Narcissus has been exhibited it has caused a sensation. Perianth often measures 4 inches across; trumpet fully 2 inches.
Jumbo Exhibition Bulbs, 25 cts. each, $2.50 per doz., $20 per 100.
Selected First-size Bulbs, 20 cts. each, $2 per doz., $15 per 100.

Mrs. Ernest H. Krelage. B. We consider this one of the finest pure white trumpet Daffodils. The perianth and trumpet are an even tone of pure white. Very free flowering, and a splendid exhibition variety. Height 21 inches. **40 cts. each, $4 per doz., $30 per 100**

Oliver Cromwell. B. Considered by many Daffodil fanciers as one of our good Bicolor trumpets. Perianth pale sulphur-yellow; trumpet rich chrome-yellow. A very free-flowering variety and excellent for early forcing. Height 20 inches.
35 cts. each, $3.50 per doz., $25 per 100

Olympia. B. Perianth light chrome-yellow; trumpet deep chrome-yellow, of huge dimensions. Splendid exhibition sort; a variety in the same class as King Alfred; of wonderful constitution and size. Height 15 inches. **35c. each, $3.50 per doz., $25 per 100**

Peter Barr. B. We regard this as one of the finest pure white Giant Trumpet varieties, if not the finest. A flower of large size and fine form. Height 18 inches.
60 cts. each, $6 per doz., $45 per 100

Spring Glory. B. Clear white perianth with long petals of splendid form, long trumpet of deep yellow, well reflexing at the brim. A very vigorous grower and one of the best of the newer Daffodils for pot culture.
20 cts. each, $2 per doz., $15 per 100

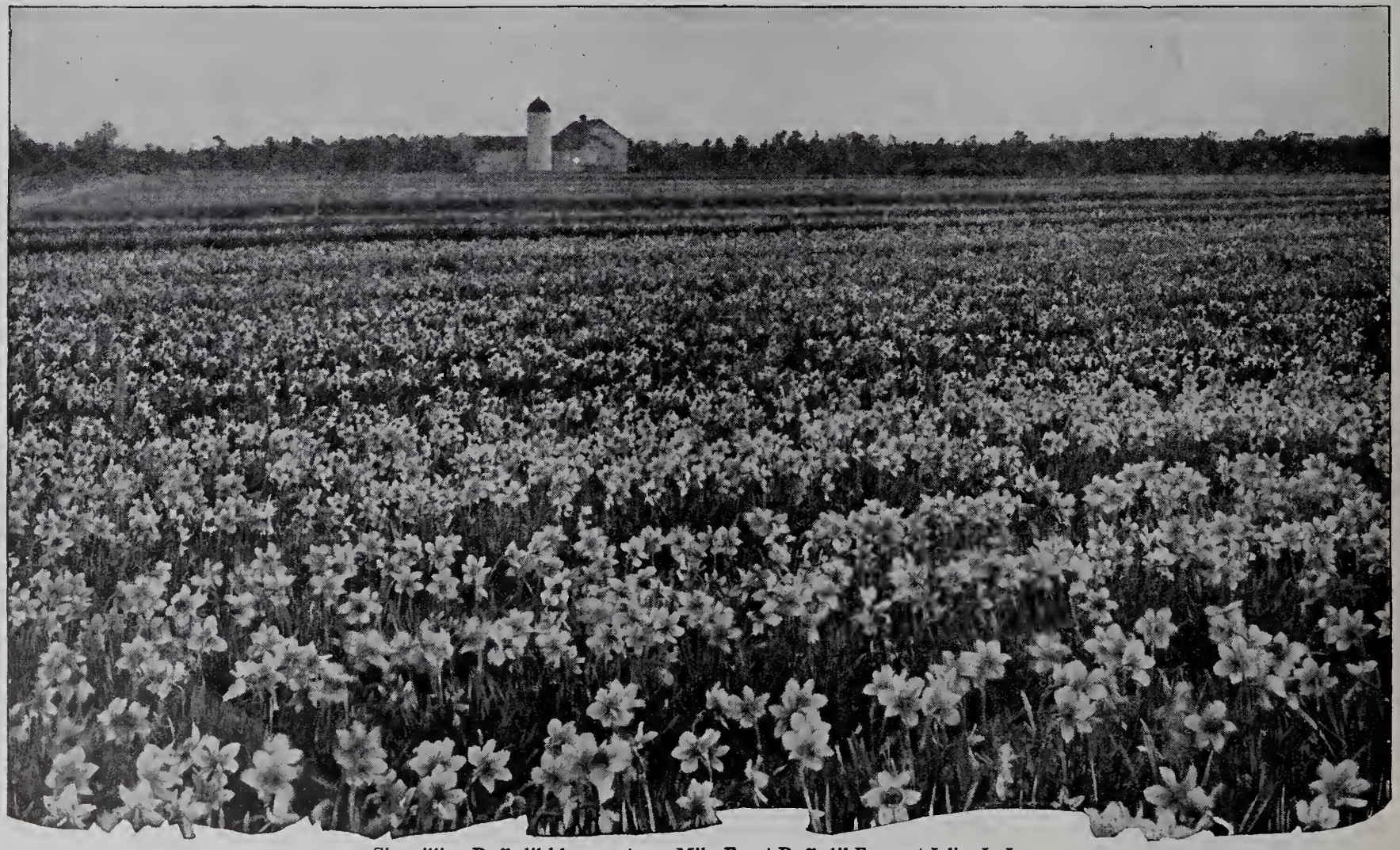
Treserve. B. Yellow Trumpet. Perianth primrose-yellow, slightly hooded; very large trumpet of rich canary-yellow, broad at the mouth and deeply flanged. Height 17 inches.
35 cts. each, $3.50 per doz., $25 per 100

Vanilla. C. This is a grand, tall-growing and very handsome variety, having a fine, bold trumpet of deep yellow, with a paler perianth, and possessing the added charm of a most pleasing and delicate odor. It flowers the same time as Emperor, and is a good variety for forcing. Height 20 inches.
15 cts. each, $1.50 per doz., $10 per 100

Van Waveren's Giant. B. Bicolor Trumpet. Broad perianth of campanulate form, bright yellow trumpet with very large, open mouth flanged at brim. Huge flower of vigorous habit and very showy character. Height 17 inches. **35 cts. each, $3.50 per doz., $25 per 100**

Victoria. A Bicolor variety used for forcing. Perianth creamy white; large, broad fluted trumpet of rich yellow. Height 18 inches.
15 cts. each, $1.50 per doz., $10 per 100, $95 per 1,000

Weardale Perfection. B. Perianth milk-white with broad, overlapping petals; long trumpet of primrose-yellow; elegantly fluted at the mouth. A good grower and free bloomer. **35 cts. each, $3.50 per doz., $25 per 100**



Six million Daffodil blooms at our Mile-Front Daffodil Farm at Islip, L. I.

From Grower to Planter. The above illustration is a photograph of our 35-acre farm of Daffodils at Islip, L. I. We have been growing Daffodils on Long Island for the past eight years, and the results obtained from bulbs which we have sent out convince us that the soil and climate are well suited to them there. Blooming time, middle April to early May.

Medium Trumpet Narcissi, or Daffodils

This is also a very popular type or rather types of the Narcissus or Daffodil family. Splendid for garden culture, in pots or pans, or in flats, for cut-flowers.

The following varieties are grouped in some catalogues under the headings, Barrii, Incomparabilis and Leedsii types.

NOTE.—*"Perianth" is surrounding row of petals, or wings; "crown" or "cup" is the central cup or funnel-like tube.*

BARRII. Daffodils belonging to this group are crosses between Yellow Giant Trumpets and the Poet's Narcissi. The crown usually is not over one-third the length of the perianth petals.

INCOMPARABILIS. The Incomparabilis varieties are also crosses between the Yellow Giant Trumpets and the Poet's Narcissi, but the crowns are larger than those of the Barrii group, sometimes being three-fourths of the length of the perianth petals. The color of the perianth is either yellow or white.

LEEDSII. These are crosses between White Giant Trumpets and the Poet's Narcissi. The crowns are as large as those of the Barrii and Incomparabilis groups, but the perianth petals are always white, and the crowns are mostly white or light yellow.

Albatross. (**Barrii.**) Large, flat, white perianth; cup pale citron, with a ribbon edge of scarlet. A fine large flower. Height 20 inches. **10 cts. each, $1 per doz., $8 per 100**

Arion. (**Leedsii.**) One of the finest of the new Leedsii. Pure white, overlapping perianth; short, pale yellow cup, edged orange, frilled. Very nice form and substance. Height 20 inches. **40 cts. each, $4 per doz., $30 per 100**

Autocrat. (**Incomparabilis.**) C. Clear golden yellow; broad perianth tending to reflex, cup widely expanded at the mouth. A very handsome variety for the border or pots. Height 20 inches. **10 cts. each, $1 per doz., $8 per 100**

Bath's Flame. (**Barrii.**) B. A very handsome variety. Deep yellow; cup deeply edged orange-red. A giant flower and one of the finest among the Barrii Narcissus. Height 24 inches. **30 cts. each, $3 per doz., $20 per 100**

Bernardino. (**Incomparabilis.**) Very large, creamy white perianth of great substance; large cup of pale lemon-yellow, flushed and edged pinkish apricot, and very heavily frilled. Height 20 inches. **20 cts. each, $2 per doz., $15 per 100**

Conspicuus. (**Barrii.**) C. Large, broad-spreading perianth of pale yellow; short darker yellow cup, brightly edged orange-scarlet. Splendid for any position in the garden. Height 21 inches. **10 cts. each, $1 per doz., $8 per 100**

Croesus. (**Incomparabilis.**) Pale primrose perianth with thick, overlapping petals; wide, expanded crown of large size, heavily suffused and stained deep orange-red. A flower of magnificent substance and one of the finest introductions of recent years. **75 cts. each, $7.50 per doz., $60 per 100**

Duchess of Westminster. (**Leedsii.**) C. Pure white perianth; cup pale canary-yellow, slightly darker at the edge, passing into ivory-white; large star-like flower of exquisite beauty. Height 16 inches. **15 cts. each, $1.50 per doz., $10 per 100**

Medium Trumpet Narcissus, Lucifer

Great Warley. (**Incomparabilis.**) One of the finest of the newer Incomparabilis. Pure white, overlapping perianth; cup an even tone of lemon-yellow, nicely frilled. **75 cts. each, $7.50 per doz., $60 per 100**

Hera. (**Leedsii.**) One of the finest of the new Leedsii Daffodils. The pure white perianth petals seem joined together, so perfect is their overlapping; cup pale citron-yellow, elegantly fluted. A very refined variety. Height 18 inches. **35 cts. each, $3.50 per doz., $25 per 100**

Lady Godiva. (**Barrii.**) C. Large, spreading perianth of pure white; cup large, pale yellow, edged orange-scarlet. A splendid variety in every way. Height 18 inches. **10 cts. each, $1 per doz., $8 per 100**

Lady Moore. (**Barrii.**) C. A stately flower with a creamy white perianth, and a large, dark yellow cup, edged orange-scarlet. A variety that is very striking in appearance and sure to be appreciated by discriminating Daffodil-lovers. **30 cts. each, $3 per doz., $20 per 100**

Lord Kitchener. (**Leedsii.**) Large, snowy white perianth, broad and flat, of great substance; big crown of the palest primrose, widely open at mouth and elegantly crimped and fluted at the brim. A flower of perfect quality and refinement. Height 21 inches. **20 cts. each, $2 per doz., $15 per 100**

Lucifer. (**Incomparabilis.**) C. Perianth sulphur-white, with long, well-rounded petals; cup chrome-yellow, with intense orange-scarlet suffusions. A bold, showy flower for outdoors, holding its color well. Height 18 inches. **10 cts. each, $1 per doz., $8 per 100**

Masterpiece. (**Barrii.**) Perianth sulphur-white with broad, very round petals of great substance and Poeticus character, eye orange-scarlet, quite flat and beautifully crinkled, the color covering the entire surface of the inch-wide eye. Height 22 inches. **30 cts. each, $3 per doz., $20 per 100**

Mrs. Langtry. (**Leedsii.**) D. A remarkably free-flowering variety, each bulb usually producing several flowers; broad white perianth, white cup opening pale primrose. Height 16 inches. **10 cts. each, $1 per doz., $8 per 100**

Nannie Nunn. (**Barrii.**) This is one of the Daffodils that is very much admired at our Daffodil Farm. The perianth is a pure cream-white; cup a vivid orange-scarlet. A brilliant Daffodil and one of the finest of the "so-called" red-cup varieties. Height 18 inches. **35 cts. each, $3.50 per doz., $25 per 100**

Queen of the North. (**Leedsii.**) C. Broad, large perianth of clear, glistening white and remarkable texture; cup soft primrose-yellow, with narrow rim of sulphur-white. Height 18 inches. **10 cts. each, $1 per doz., $8 per 100**

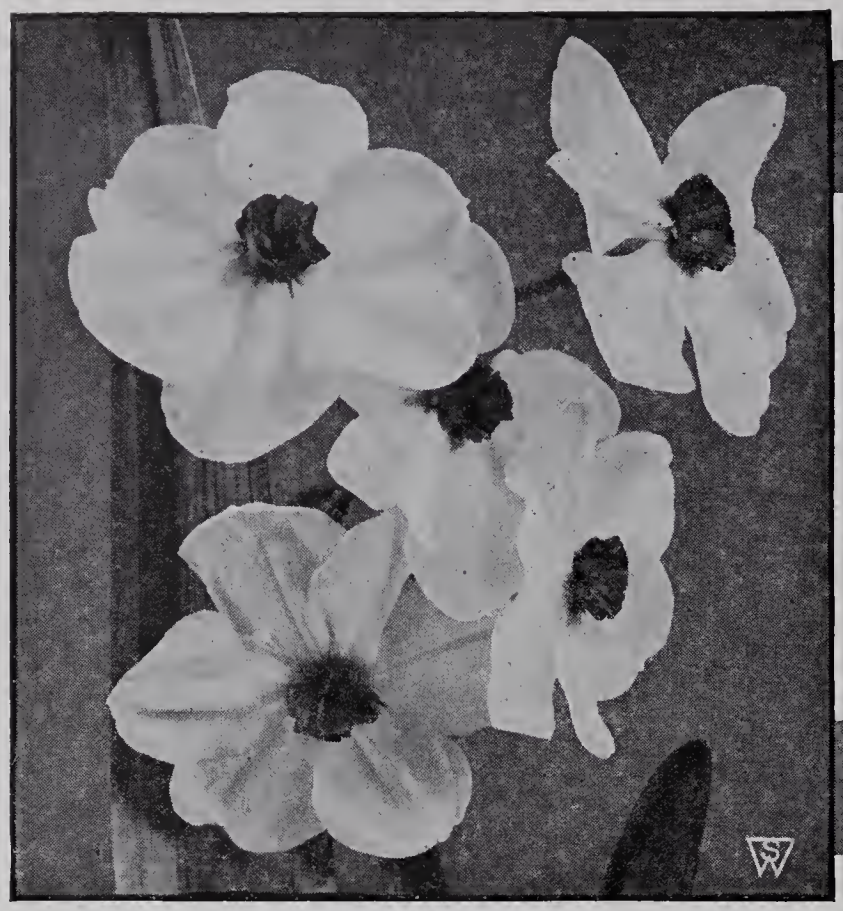
Red Beacon. (**Barrii.**) Broad white perianth of splendid substance, with broad well-frilled cup of dazzling orange-scarlet. A very striking variety on account of its brilliant scarlet center. **20 cts. each, $2 per doz., $15 per 100**

Sir Watkin. (**Incomparabilis.**) C. Perianth primrose-yellow; large and well-formed yellow cup, tinted deep yellow. A giant among the Medium Trumpet sorts. A grand flower of wonderful substance for garden culture or pots, this variety frequently has flowers 5 inches across, and its splendid proportion and ease of culture cause it to be one of the most popular of the older varieties. Height 18 inches. **15 cts. each, $1.50 per doz., $10 per 100**

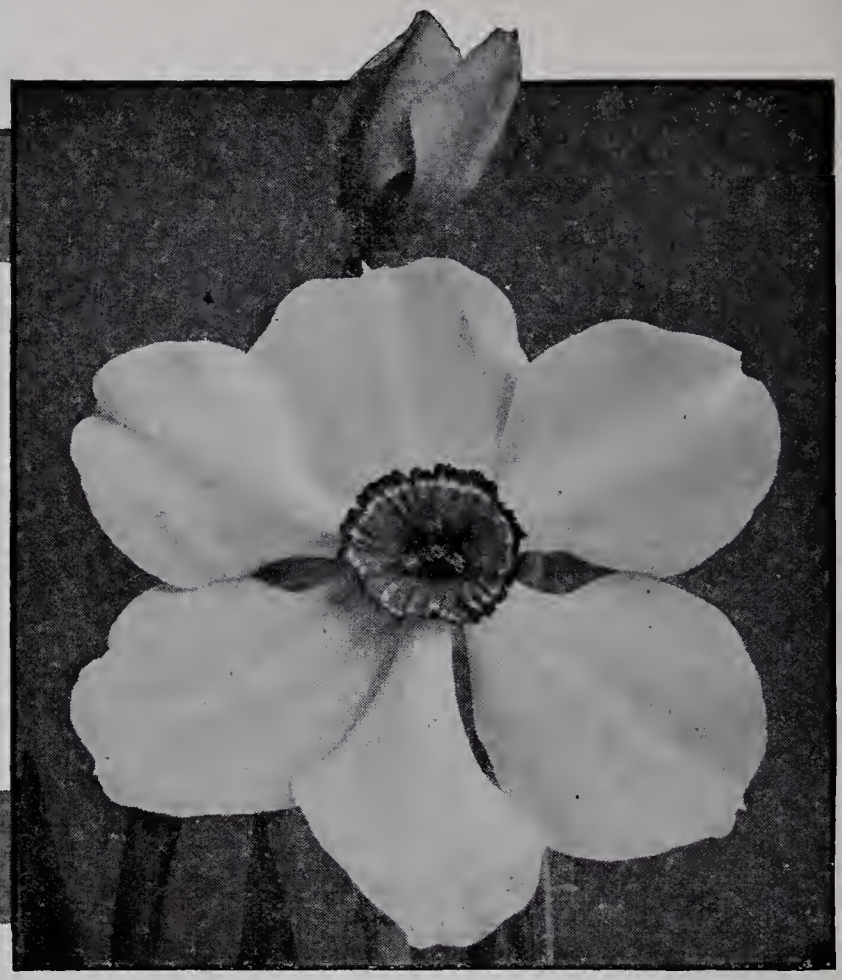
White Lady. (**Leedsii.**) C. Broad, white perianth of perfect form; small cup of pale canary, beautifully crinkled. Fine for outdoors; splendid cut-flower. Height 20 inches. **10 cts. each, $1 per doz., $8 per 100**

Whitewell. (**Incomparabilis.**) Flat, creamy white perianth, with very broad, overlapping petals; large, open cup of deep chrome-yellow. A very large flower of wonderful substance. Height 18 inches. **15 cts. each, $1.50 per doz., $10 per 100**

Will Scarlett. (**Incomparabilis.**) Creamy white perianth; cup widely expanded and of a brilliant orange-scarlet, elegantly frilled. Very bright, and one of the nearest reds. **20 cts. each, $2 per doz., $15 per 100**



Narcissus Poetaz, Aspasia



Narcissus Poeticus, King Edward VII

Narcissus Poetaz

THE HARDY CLUSTER-FLOWERED POET'S NARCISSUS

The chief characteristic of this type of Narcissus is that hybridizers by crossing the strong-scented Polyanthus varieties with the Poeticus type, developed a hardy strain of Daffodils which has the bunch-flowered character of the Polyanthus with larger flowers similar to the Poet's described on this page. They are excellent for pot culture and are splendid for the garden border.

ASPASIA. C. Perianth pure white, with soft yellow eye; three or four flowers on a stem. One of the best of this class and especially bright in color. Height 18 inches.
10 cts. each, $1 per doz., $8 per 100

EARLY PERFECTION. One of the handsomest new Poetaz. Perianth white; cup an even tone of bright yellow; very free flowering. Height 18 inches. **15 cts. each, $1.50 per doz., $12 per 100**

IDEAL. C. Perianth pure white, with a dark orange eye; three or four flowers on a stem. A very easy variety to get in flower in pots and very charming on account of the size of the flowers and striking contrast of the dark orange eye. Height 18 inches.
15 cts. each, $1.50 per doz., $12 per 100

KLONDYKE. B. Perianth an even tone of pure bright yellow, with golden yellow eye. A variety of wonderful vigor and size giving five to six flowers on a stem. Height 15 inches.
20 cts. each, $2 per doz., $15 per 100

LAURENS KOSTER. B. Perianth pure white, with soft yellow eye. Much admired on account of the large flowers. It is a strong grower, frequently having five flowers on a stem. Height 18 inches.
10 cts. each, $1 per doz., $8 per 100

ORANGE CUP. B. We consider this one of the finest of the Poetaz group. The perianth is an even tone of sunny yellow with a bright orange cup. **20 cts. each, $2 per doz., $15 per 100**

The Poet's Narcissi

Narcissus poeticus

This class of Narcissus, instead of having a trumpet or crown, has a small, wide-mouthed cup. They are very hardy, and are used in large numbers for naturalizing, their simplicity of form and delightful fragrance making them highly prized. Cassandra, Horace, King Edward VII, and Ornatus are used with excellent success for growing indoors in pots or pans, or gently forced into bloom for cutting purposes.

POETICUS (Pheasant's Eye). D. The original late-flowering Pheasant's Eye variety so popular for gardens and naturalizing; pure white flowers with orange cup, edged with red. Height 15 inches. **10 cts. each, $1 per doz., $8 per 100**

POETICUS, CASSANDRA. This and Horace are quite the largest of the new Poet varieties. Perianth white, cup canary-yellow, rimmed bright red. Height 18 inches.
20 cts. each, $2 per doz., $15 per 100

POETICUS, HORACE. C. Quite the best and largest of the new Poet's varieties. The white perianth is of large size, cup canary-yellow, rimmed bright red. Height 17 inches.
15 cts. each, $1.25 per doz., $10 per 100

POETICUS, KING EDWARD VII. C. Round, white perianth, cup light yellow, margined deep red. A vigorous grower, excellent for pot culture. Height 15 inches.
15 cts. each, $1.25 per doz., $10 per 100

POETICUS ORNATUS (Improved Poeticus). C. Grand flower for cutting. Larger and more symmetrical than the old variety and considerably earlier. Pure white flowers, saffron cup, tinged rosy scarlet. Magnificent cut-flower. Height 15 inches.
10 cts. each, $1 per doz., $8 per 100

Sweet-Scented Jonquils

Very much prized for their deliciously scented golden flowers; perfectly hardy in gardens or naturalized, also admirably adapted to indoor culture in pots of soil.

Buttercup. This and Golden Sceptre are two of the finest new Jonquils. Pure golden yellow overlapping perianth; straight yellow cup; 5 to 8 flowers on a stem; has a delicate perfume. Height 21 inches. **30 cts. each, $3 per doz., $20 per 100**

Golden Sceptre. This free-flowering hybrid is very handsome. Its fine, elegant flowers are a rich golden yellow, sweetly scented. Height 20 inches. **30 cts. each, $3 per doz., $20 per 100**

Giant Campernelle rugulosus. Much larger and finer than the old favorite Campernelle Jonquils; a much freer bloomer and much more desirable, especially for forcing. Beautiful, single, yellow, star-shaped flowers, exquisitely imbricated, borne in clusters of four to six on a stem; delightfully fragrant. Also very hardy and valuable for outdoor planting. **10 cts. each, $1 per doz., $8 per 100**

Rugulosus, Double. The double form of the large-flowering Campernelle Jonquil. Large, double, yellow flowers; very fragrant and much superior to the common Double Jonquil. Height 20 inches. **10 cts. each, $1 per doz., $8 per 100**

Polyanthus Narcissi

BUNCH-FLOWERING

VARIETIES FOR EARLY INDOOR GROWING

Not for Outdoor Planting, except south of the Carolinas

READY FOR DELIVERY OCTOBER 1

We are offering three varieties of this splendid type of Narcissus which are now universally grown indoors in pots of fiber or soil as well as in pebbles and water. The varieties are Paper-White Grandiflora, the popular bunch-flowering white variety, Grand Soleil d'Or, the popular yellow bunch-flowering variety, and Chinese Sacred Lilies or *Narcissus polyanthus orientalis*. These bulbs are produced for us by an expert grower in the South. The importation from France and China is no longer permitted.

Dishes of these, grown in pebbles and water, may be had in bloom continuously from Thanksgiving until Easter. The best method is to keep your bulbs in the containers in which they are shipped to you and to store them in a moderately cool, dry place. Plant different lots every three weeks from October 1 until March 1, and you can enjoy a constant succession of bloom.

Grand Soleil d'Or. This popular bunch-flowering variety of the Polyanthus type is as easy to grow in pebbles and water as in soil or our Shurgrow Bulb Fiber. The flowers are a clear sunny yellow, with bright orange cups. **$2.50 per doz., $18 per 100, $160 per 1,000.**

Paper-White Grandiflora. The popular bunch-flowering pure white Narcissus, frequently having thirty individual blooms and splendid decorative foliage from a single bulb. We offer two sizes, each suitable for growing indoors in pebbles and water or in our Shurgrow Bulb Fiber.

	Doz.	100	1,000
First-Size Bulbs	$0 60	$4 50	$40 00
Jumbo Bulbs	75	6 00	55 00

Chinese Sacred Lily

Narcissus Polyanthus Orientalis

The "Shui Sin Far," or Water Fairy Flower, Joss Flower or Flower of the Gods, etc., as it is called by the Celestials, is a variety of Narcissus, bearing in profusion chaste flowers of silvery white, with golden yellow cups. They are of exquisite beauty and entrancing perfume.

The bulbs, of large size and great vitality, are of luxuriant growth, producing several spikes of flowers; the incredibly short time required to bring bulbs into bloom (four to six weeks after planting) is one of the wonders of nature. You can almost see them grow, succeeding almost everywhere and with everybody. They do well in pots of earth, but are more novel and beautiful grown in shallow bowls of water, with enough fancy pebbles to prevent them from toppling over when in bloom.

	Each	Doz.	100
Mammoth Bulbs	$0 10	$1 00	$7 50

Paper-White Grandiflora Narcissi growing among pebbles in water

Double Narcissus

SPECIAL OFFER. **Containers and Materials for Growing Paper-White and Grand Soleil d'Or Narcissus Indoors.**

Glass Bowls. Suitable to plant 3 bulbs. 35 cts. each, $3.50 per doz.

Glass Bowls. Suitable to plant 6 bulbs. 50 cts. each, $5 per doz.

Pebbles. Carefully screened and selected. Quart box, 20 cts., 2 qts. 35 cts.

Shurgrow Bulb Fiber. This is a prepared Fiber containing all the ingredients for producing blooms from bulbs indoors. It can be used for any dish, as it does not require drainage. Put up in quart package convenient for use. 15 cts. per qt., $1.50 per doz. qts.

Double Narcissi (Daffodils)

The Double-flowering Daffodils offered in our list may be planted outdoors, but are admirably adapted for indoor growing in pots and pans, or may be forced in flats for cutting purposes. We have listed this year only one of the newer varieties of Double Daffodils, which is splendid for pot culture and excellent for outdoor planting as well; owing to the flowers of American-grown Von Sion Narcissus and other double-flowering varieties showing a tendency to "come green," we have decided to omit them from our list.

Argent. C. This variety is best described as a Double Incomparabilis. Very pale primrose perianth with a double row of petals; chrome-yellow cup. A fine new Double Daffodil with a strong stem. Height 14 inches. **15c. each, $1.50 per doz., $12 per 100, $100 per 1,000.**

MATCHLESS BEDDING HYACINTHS

Special named varieties in distinct shades of color, to flower at the same time

BULBS MEASURE 6 TO 7 INCHES IN CIRCUMFERENCE

The Hyacinth chosen to represent each of the following shades of color is a variety which we have found from trials will be best in the three essential requirements: Best in its color; stoutest stem; largest truss of bells; so our customers will know that we have avoided using varieties that are of weak stem, and that do not support the blooms.

SPECIAL NOTICE: *We are glad to report that stocks of High-Quality Hyacinths have again reached prewar size, and that we are able to supply them at much reduced prices this year.*

CULTURE

These Hyacinths should be planted from 6 to 10 inches apart, and covered with at least 4 inches of soil from the top of the bulb. For beds or borders close to the conservatory or dwelling, 6 inches will make a fine display; but where the beds are planted to be viewed from a distance, they may be planted 10 inches apart. Hyacinths planted alternately with narcissi produce a most graceful effect, and for this combination 6 inches from bulb to bulb is also a very suitable distance. It is advisable to cover, after the bulbs have been planted, with leaves or some heavy material that will prevent them from freezing or being affected by early spring frosts after they have started.

Hyacinths, as well as narcissi, should be planted by November first in this latitude, as they are the better for early planting. Tulips may be planted up to December first, weather permitting.

Delivered (by Express or Parcel Post) anywhere in the United States	Doz.	100	1,000
Matchless Bedding Scarlet	$1 00	$8 00	$75 00
Matchless Bedding Light Pink	1 00	8 00	75 00
Matchless Bedding Dark Pink	1 00	8 00	75 00
Matchless Bedding Light Blue	1 00	8 00	75 00
Matchless Bedding Dark Blue	1 00	8 00	75 00
Matchless Bedding Pure White	1 00	8 00	75 00
Matchless Bedding Mauve	1 00	8 00	75 00
Matchless Bedding Deep Yellow	1 00	8 00	75 00

Suggestions for Effective Color Combinations

1. **Matchless Bedding Pink and Light Blue.**
2. **Matchless Bedding Light Blue and Deep Yellow.**
3. **Matchless Bedding Light Blue and Dark Blue.**
4. **Matchless Bedding Dark Blue and Deep Yellow.**

Three Fine Hardy Lilies

Coral Lily (*Lilium tenuifolium*)

A gem-like Lily for a low place in the border or rock-garden, its dainty, wiry stems growing 18 inches high or less, bearing a cluster of brilliant scarlet stars like a shower of sparks. This is one of the easiest Lilies to grow in a well-drained pocket in the rock-garden, and makes a delightful, strong color-note at a time when the rock-garden is likely to be devoid of other high color.

The bulbs are very small compared to other Lilies, but they are strong and will produce abundant bloom.

Select bulbs, 25 cts. each, $2.50 per doz., $20 per 100.

Madonna Lily (*Lilium candidum*)

One of the oldest inhabitants of gardens and still the loveliest of all white Lilies, with a purity unmatched by any other flower and an exquisite grace which gives it dignity and charm, both in the garden and when cut. Madonna Lilies growing with delphiniums is a classic garden picture, but they are equally beautiful combined with dark velvety red sweet williams or crimson roses. Plant the bulbs as early as you can get them in the autumn, covering the crowns with about 2 inches of soil; do not disturb thereafter unless absolutely necessary.

First size.....15 cts. each, $1.50 per doz., $10 per 100
Mammoth size..25 cts. each, $2.50 per doz., $20 per 100
Jumbo size.....40 cts. each, $4.00 per doz., $30 per 100

Royal Lily (*Lilium regale*)

A gorgeous new Lily from the wilds of Tibet and western China, with enormous alabaster trumpets tinged with rose outside and suffused with gold within. This is becoming the most popular of all white Lilies, and the easiest to grow. Plant the bulbs about 6 inches deep and leave them alone forever after.

First size, 6 to 7-in. circum., each, 20c.; doz., $2; 100, $15.
Mammoth size, 7 to 8-in. circum., each, 35c.; doz., $3.50; 100, $25.
Jumbo size, 8 to 9-in. circum., each, 50c.; doz., $5; 100, $40.
Monster size, 9 to 10-in. circum., each, 75c.; doz., $7.50; 100, $60.

De Wet

De Wet

Loveliest, handsomest, and most gorgeously colored of all the early-flowering Tulips, De Wet outclasses anything of its race. Blooming in company with narcissus and hyacinths, it makes a superb color symphony in combination with the mauve-blue hyacinth, Grand Maitre, and any of the pale yellow narcissus, such as Lucifer or Barri conspicuus. Under good conditions, De Wet will grow 15 to 18 inches tall, producing large, globular flowers of blazing orange-yellow, veined with pale gold, and more deeply tinted with scarlet shades.

A superb variety for forcing, and a garden treasure heretofore limited in use only by its high price. But this year we are able to offer it at a reduction of 33⅓ per cent, truly a marvelous saving on one of the choicest Tulips.

80 cts. per doz., $6 per 100

Fantasy

A Parrot Tulip of magnificent size, vivid coloring, with a strong stem holding the flowers erect, Fantasy has captured the admiration of garden-lovers throughout the length and breadth of the land. Its fringed and curling petals are sparkling pink, intensified with scarlet on the inner surface, and the soft rose tone on the outside is fantastically marbled with apple-green. Growing in a bed carpeted with light blue forget-me-nots, or close to the handsome *Anchusa myosotidiflora*, it presents a picture never to be forgotten.

Five years ago this Tulip sold at $1 per bulb, but the production has been increased, to keep up with the demand, to such an extent that we are glad to be able to offer it this year at **20 cts. each, $2 per doz., $15 per 100.**

Fantasy

La Fiancee

Grenadier

La Tulipe Noire

Cardinal Manning

Colorful Collection

10 DISTINCT MAY-FLOWERING

TULIPS

Darwin · Breeder · Cottage Varieties

The Tulips illustrated comprise the very cream of the late-flowering varieties; some of the choicest things in Tulipdom are included on this page at prices which make the mouth water. No one can afford to neglect this wonderful opportunity to secure the most beautiful collection of Late-flowering Tulips we have ever offered.

Inglescombe Yellow

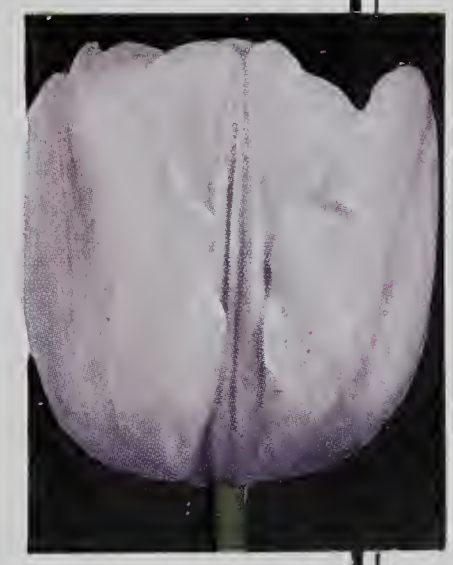
	Doz.	100
Cardinal Manning. (Breeder.)	$0 70	$5 00
City of Haarlem. (Darwin.)	90	7 00
Grenadier. (Cottage.)	70	5 00
Inglescombe Yellow. (Cottage.)	60	4 00
La Fiancee. (Darwin.)	80	6 00
La Tulipe Noire. (Darwin)	$0 70	$5 00
Louis XIV. (Breeder.)	70	5 00
Louise de la Valliere. (Darwin.)	80	6 00
Reverend Ewbank. (Darwin.)	60	4 00
Rosabella. (Cottage.)	90	7 00

Louis XIV

SPECIAL COLLECTION OFFER

10 bulbs each of 10 named varieties (100 bulbs in all) $5
25 bulbs each of 10 named varieties (250 bulbs in all) $12
50 bulbs each of 10 named varieties (500 bulbs in all) $23
100 bulbs each of 10 named varieties (1000 bulbs in all) $45

Less than three years ago, Tulips like these sold for three times the present prices. City of Haarlem commanded at least $20 a hundred, and Louise de la Valliere, La Fiancee, and Rosabella were among the very expensive varieties. For the first time in history, they are offered at popular prices here.



Rev. Ewbank

City of Haarlem

Louise de la Valliere

Rosabella

THREE FINE SUMMER-BLOOMING LILIES

We have featured in color what we consider three of the most popular summer-blooming Lilies in American gardens: **Lilium speciosum magnificum** (1), a Japanese variety, sometimes called the "Oriental Orchid"; **Lilium tigrinum** (2), the famous Lily so widely grown in wayside gardens in our country; and **Lilium auratum** (3), the famous Golden-banded Lily of Japan. We offer choice bulbs for outdoor planting.

	Each	Doz.	100
1. Lilium speciosum magnificum	$0.40	$4.00	$30
2. Lilium tigrinum	.30	3.00	20
3. Lilium auratum	.35	3.50	25

EXHIBITION HYACINTHS

Exhibition Hyacinths

Every year our growers prepare to select the finest grade of Hyacinths for us for exhibition. These bulbs are of maximum size, and fully aged for this purpose. The varieties listed below are grown especially for us, and intending exhibitors at the International Flower Show next spring will be interested in our selection of varieties which we believe, when grown for exhibition, should capture First Premiums. The Hyacinth enthusiast who is interested in novelty varieties will also find this list valuable.

We offer only the best sorts. There are several hundred varieties grown abroad but we do not consider that there are over thirty of them worth growing. Bulbs such as we supply should be planted singly in a 5-inch pot, or four bulbs to an 8-inch bulb-pan. As there is a slight variation in the time of flowering between the different varieties, we have therefore indicated the relative time of blooming, 1 being early, 4 the latest.

ARENTINE ARENDSEN. 1. Snowy white; open, wide-petaled bells, and narrow, well-filled spike. A splendid exhibition variety.

CITY OF HAARLEM. 3. Soft Naples yellow, shaded deeper; large, well-formed truss and good stem. One of the best new yellows.

DR. LIEBER. 2. Pale lavender-blue, with a faint tinge of dark violet; large spike, well filled out. A handsome variety for bedding and a very early forcer.

ELECTRA. 2. Light silvery blue; an enormous spike, full and well finished, with large bells. A very lovely shade of blue in Hyacinths.

GENERAL DE WET. 2. Soft light pink; a fine spike with large bells. Pink sport of the well-known variety, Grand Maitre.

GERTRUDE. 1. Dark pink; strong, compact spike. A variety used largely by commercial florists on account of its earliness.

GRAND MAITRE. 2. Dark lavender-blue; large bells, and very long, well-filled truss, on an unusually strong stem.

KING OF THE BLUES. 4. Deep dark blue; splendid spike and bell. Excellent for late forcing.

LADY DERBY. 1. Clear rose-pink variety. A splendid forcing sort, as the strong stems hold the truss well. Considered the finest rose-pink Hyacinth.

LA GRANDESSE. 3. Pure white flowers with waxy bells on long, full spike of perfect form.

LA VICTOIRE. 1. Bright, glistening carmine-rose; under glass this variety is a fine dark pink; well-filled spike on a strong stem.

L'INNOCENCE. 1. Pure white; fine truss of large bells, of great substance.

LORD BALFOUR. 1. Lilac-rose, tinged dark violet—a distinct color. The best Hyacinth of this color.

MYOSOTIS. 2. An even tone of light blue; well-filled spike of large-sized bells. One of the most attractive of its color.

ORANGEBOVEN. 4. A very lovely and distinct color, different from all the others, perhaps best described as a ruddy apricot. This variety does not make a very large bulb.

PERLE BRILLANTE. 2. Light blue, lavender; big bells on a large, finely formed, stiff spike.

PRINCE HENRY. Clear Naples yellow. Long, narrow truss, with good bells and stem. A splendid new yellow variety.

QUEEN OF THE PINKS. 3. Very bright rose-pink, of unusually clear tone; large spike with large bells.

SCHOTEL. 1. Soft light blue; very long and perfect truss, with large bells; easily forced.

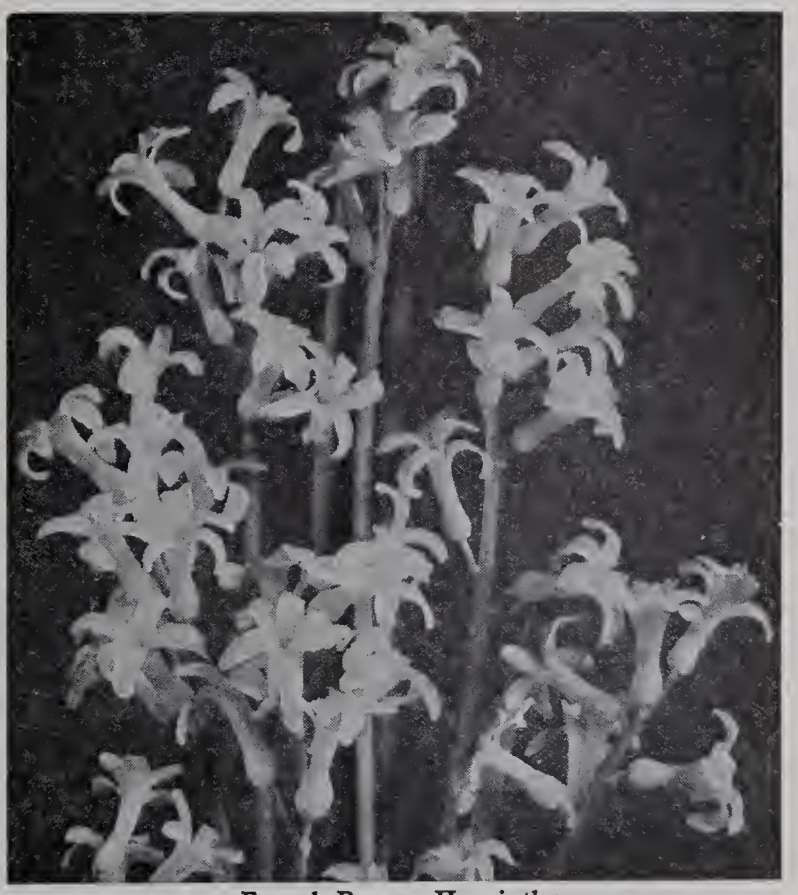
YELLOW HAMMER. 1. Creamy yellow; compact spike and large bells.

Special Offer. We place large contracts for the above varieties and thus secure the pick of the crop. This enables us to offer at a uniform price of 20 cts. each, $2 per doz., $15 per 100.

French Roman Hyacinths

French Roman Hyacinths are among the earliest bulbs to be had in flower. The bulbs arrive from France late in August, and, like all bulbs grown in the south of France, they may be had in flower from November all through the winter months, if potted up in September and at intervals of every two weeks. They are much prized for pots or cutting on account of their graceful appearance and delicate fragrance. The flowers are smaller than those of the Dutch Hyacinth, and are borne in great profusion, the larger bulbs frequently having three to five graceful spikes of bloom. They are not hardy in our northern climate, and should not be planted outdoors. The general culture as given for Freesias, page 28, is suggested.

	Doz.	100	1,000
White. Mammoth bulbs, 12 to 15 cms.	$1 50	$10 00	$90 00
Jumbo bulbs, 13 to 15 cms.	2 00	15 00	140 00
Single Rose. First-size bulbs	2 00	15 00	140 00
Single Blue. First-size bulbs	2 00	15 00	140 00



French Roman Hyacinths

GIANT FREESIAS

Without doubt the most sweetly scented flower grown; a single bloom permeates the living-room with its delicate perfume. Although they are quite popular and very easily raised, we would suggest the following treatment:

Procure the bulbs as early as possible, and plant them in successive batches from August to October, using from six to twenty-five bulbs for a single pan. The soil should be a mixture of loam, to which must be added leaf-mold and sand. The bulbs planted early, say August and September, may be placed outdoors in a sheltered spot until cold weather sets in; of course they must be regularly watered and kept growing all the time. In October, before frosts appear, the pots should be placed in frames, if possible, or near the window of an unheated room. Not before November must the young plants be brought to gentle heat, and if thus cared for they will flower perfectly in January. The foliage of the Freesias is very fine and slender and must be supported with light stakes placed around the outer edge of the pans. The glistening flowers are borne on long stems, and are very valuable for cutting.

A field of colored Freesias as grown in California

S. & W. CO.'S IMPROVED PURITY

Through painstaking effort our grower of Freesia Purity has maintained such a quality in our strain of this very desirable cut-flower by careful selection as to justify us in offering it as an improved strain.

	Doz.	100	1,000
Monster bulbs	$0 75	$5 00	$45 00
Jumbo bulbs	60	4 50	40 00
Mammoth bulbs	50	3 50	30 00

New and Rare Freesias

Few, if any, of the newer creations in spring-flowering bulbs have been improved by the hybridist as has been the Freesia. We now have a splendid range of colored sorts which can be obtained at moderate prices on account of the supply having been increased by propagation. Our bulbs have been produced for us under contract by California's leading specialist in this lovely bulbous plant for indoor growing.

APOTHEOSE. Without a doubt this is the greatest advance in Freesias in he past decade. The flowers are very large, of a beautiful shade of pink tinted lavender, and borne on strong stems.
$3.50 per doz., $25 per 100

S. & W. Co.'s Lily-of-the-Valley

ELDER'S GIANT WHITE. Giant pure white flower on long stem. The largest white Freesia on the market. At many of the leading flower shows this Freesia received first prize.
$1.75 per doz., $12 per 100

GOLDEN DAFFODIL. This variety may best be described as a rich daffodil-yellow color, such as is seen in the popular daffodil, King Alfred. The flowers are large, well formed, and are borne on long, stiff stems. **$1.50 per doz., $10 per 100, $95 per 1,000**

GOLDEN TREASURE. Rich, sunny yellow, very similar to Golden Daffodil, except that the outer part of the flower is tinged with lilac, which, to our mind, greatly enhances its beauty when seen under artificial light. The blooms are large, well open, and are borne on long, stiff stems.
$1.50 per doz., $10 per 100, $95 per 1,000

MARYON. A companion variety to Apotheose, of the same large size and vigorous habit, but the flower is a beautiful shade of violet-mauve. **$4 per doz., $30 per 100**

MRS. MARC PETERS. Very attractive deep rosy salmon with splendid clear color. Extra-strong, vigorous growth and long, sturdy stems make it a valuable cut-flower.
$1.50 per doz., $10 per 100, $95 per 1,000

OPAL. A beautiful shade of light lavender. Fine strong grower. The finest of its color. **$2 per doz., $15 per 100**

SUNSET. An entirely new color in Freesias, being a flame-orange, reminding one of the glorious sunsets of California. This variety was the greatest attraction in the field during the flowering season, when thousands of visitors annually come to see our Freesias.
$1.75 per doz., $12 per 100, $110 per 1,000

LILY-OF-THE-VALLEY PIPS

For Greenhouse Growing. November Delivery

In judging the price of our Lily-of-the-Valley, please remember that the best is the cheapest. Our Valley is positively among the best. Is bought at open prices, with instructions for a selection of the best-developed pips. Our long experience and large importations have commanded this extra selection. For **growing indoors** these pips are the best that can be planted.
25 pips $2, 100 pips $7, 250 pips $17, 500 pips $32.50, 1,000 pips $60

LILY-OF-THE-VALLEY PIPS

For Outdoor Planting. November Delivery

In the past, many garden enthusiasts have planted clumps of Lily-of-the-Valley in sheltered locations in their gardens. On account of the ruling of the Federal Horticultural Board, these clumps, before leaving Europe, must have all soil removed from their roots. Our experience in the past is that clumps received with the soil removed are not satisfactory for **outdoor** planting. The best way to get a good Lily-of-the-Valley bed, and the method used by professional gardeners, is to plant **two-year-old** pips 4 inches apart. This method will produce a better bed than by using clumps. We offer pips of **smaller size** than those used for growing Lily-of-the-Valley **indoors** for this purpose and at attractive prices.
10 pips 60 cts., 25 pips $1.25, 100 pips $4, 1,000 pips $35

NEW GIANT-FLOWERING CROCUS (Extra-large Bulbs)

Crocuses are most effective when planted in masses on the lawn, or arranged in three or four rows of one color in the border. They are perfectly hardy, and may be left in the ground for three or four years after planting, without being disturbed. The best method is to scatter the bulbs about the lawn and use an ordinary garden dibble or "Slim Jim" trowel, inserting several bulbs in each spot. This makes a very pretty effect in early spring, and the foliage and tops may be safely cut along with the grass when the first mowing is made. They are very ornamental when flowered in pots of eight to ten bulbs to a 5-inch size. They will not flower if exposed to heat, nor must too severe forcing be attempted. After potting set bulbs in a cool cellar and water well. Leave them about six weeks until they are thoroughly rooted and then bring to the light of the conservatory or sunny window. Care should be taken to cover the bulbs only about 1 inch, whether planted outdoors or in pots, as planting too deep causes them not to flower.

We are pleased to announce to lovers of this delightful spring-blooming bulb, so useful on account of its great adaptability to many positions in the garden, and on account of its welcome earliness, that bulbs can now be obtained at much lower prices, due to stocks having been increased since the serious loss of bulbs which took place during the spring freeze in Holland in 1929.

We offer a select list of New Giant-Flowering Varieties that are much superior to the older varieties.

Ten Fine Giant-Flowering Varieties

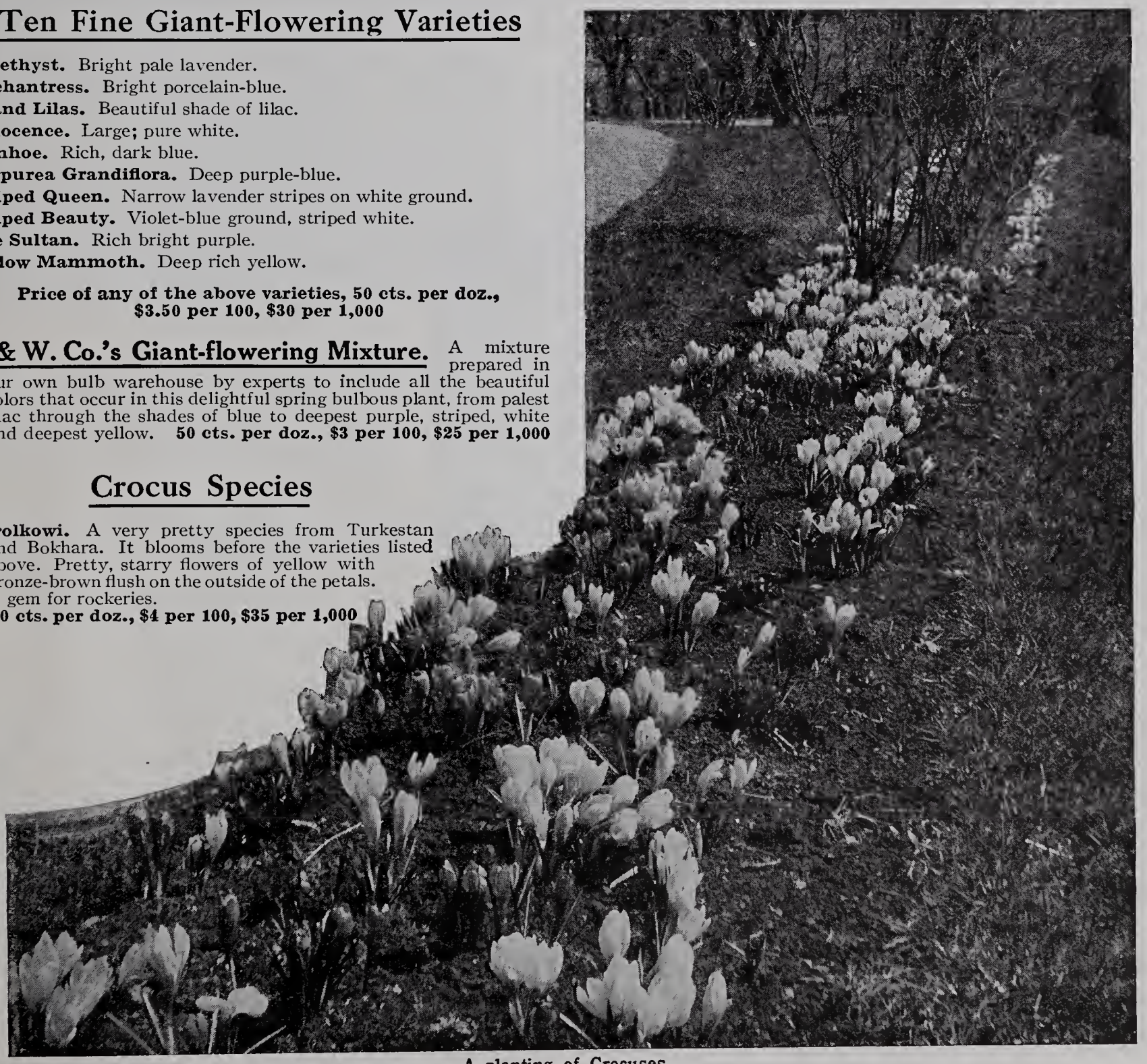
Amethyst. Bright pale lavender.
Enchantress. Bright porcelain-blue.
Grand Lilas. Beautiful shade of lilac.
Innocence. Large; pure white.
Ivanhoe. Rich, dark blue.
Purpurea Grandiflora. Deep purple-blue.
Striped Queen. Narrow lavender stripes on white ground.
Striped Beauty. Violet-blue ground, striped white.
The Sultan. Rich bright purple.
Yellow Mammoth. Deep rich yellow.

Price of any of the above varieties, 50 cts. per doz., $3.50 per 100, $30 per 1,000

S. & W. Co.'s Giant-flowering Mixture. A mixture prepared in our own bulb warehouse by experts to include all the beautiful colors that occur in this delightful spring bulbous plant, from palest lilac through the shades of blue to deepest purple, striped, white and deepest yellow. **50 cts. per doz., $3 per 100, $25 per 1,000**

Crocus Species

Korolkowi. A very pretty species from Turkestan and Bokhara. It blooms before the varieties listed above. Pretty, starry flowers of yellow with bronze-brown flush on the outside of the petals. A gem for rockeries.
60 cts. per doz., $4 per 100, $35 per 1,000



A planting of Crocuses

HARDY LILIES

There is a great deal of confusion and misunderstanding among otherwise competent gardeners concerning Lilies. Since they are becoming more popular every year, and great numbers of them are being planted, perhaps it is well to make plain that there are two broad classes of Lilies with respect to their roots.

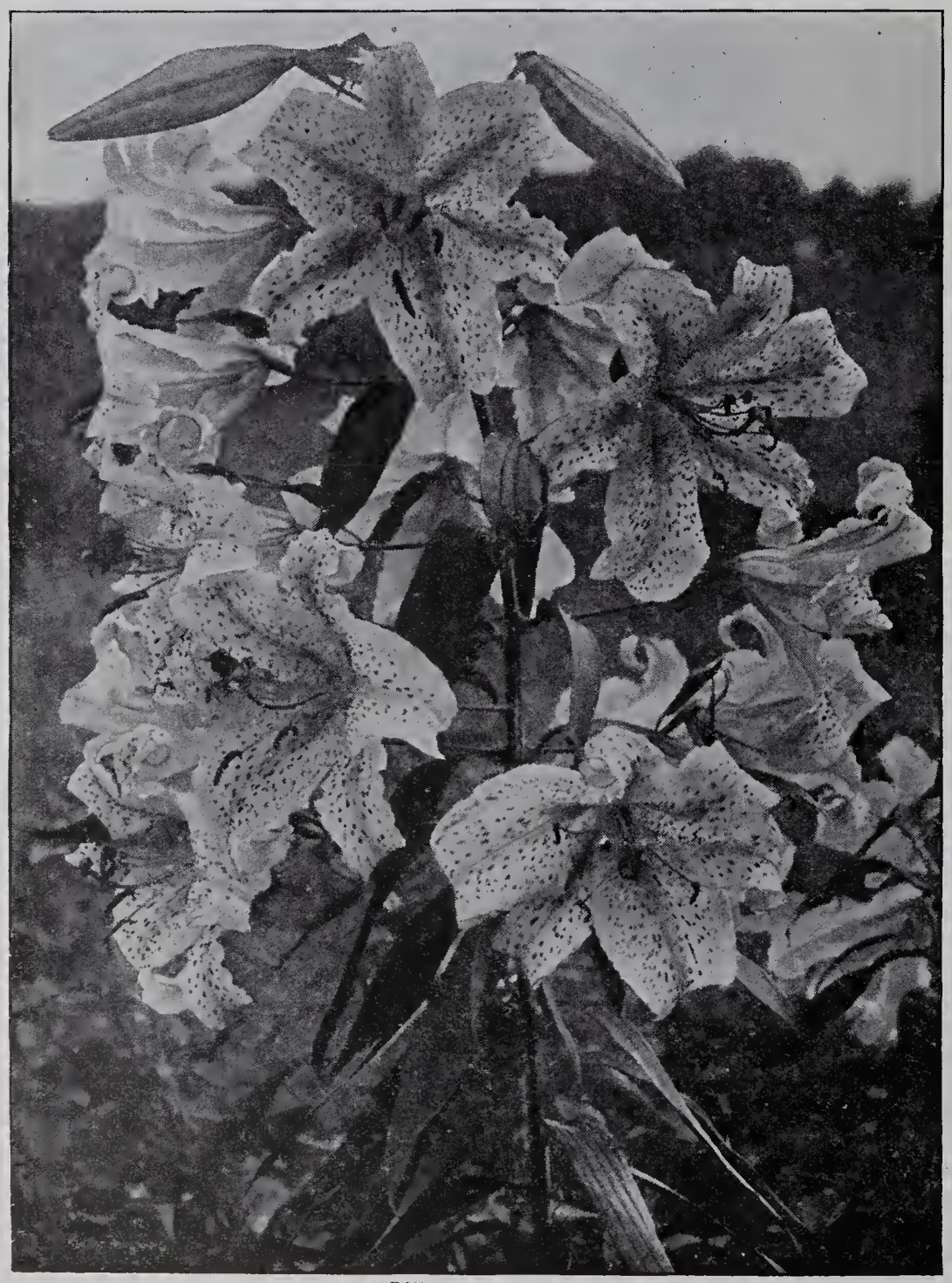
One class forms roots at the base of the bulb only; these should be planted relatively shallow, not more than twice the depth of the bulb itself. The other class forms roots both at the base of the bulb and from the stem above it; these should be planted three to four times the depth of the bulb, or, in most cases, 6 to 10 inches deep.

All Lilies like perfect drainage. Most of them prefer the light shade over their new shoots, that is afforded by mulch and low-growing plants or shrubs, above which they can rise and display their blossoms to the sun. A few of them prefer a very moist situation, but it must be so arranged that all dampness drains immediately away from the bulb. This can be managed by planting them upon a small heap of stones. *All Bulbs do better if a handful of sharp builders' sand is placed immediately beneath the bulb to help provide better drainage.*

No Lily succeeds in manured ground. They vary in their preference for lime. Some are poisoned by it, others thrive in it, some are indifferent. We shall endeavor to state all these facts concerning each variety in the descriptions which follow.

The approximate order in which the Lilies described here bloom is as follows. This order has been determined by watching them for several seasons. It may vary somewhat according to whether the Lilies have a northern or a southern exposure, much or little shade, and according to the vagaries of the different seasons. In average years they bloom in about this succession.

June: Tenuifolium, Hansoni, Davuricum, Elegans, Martagon, Chalcedonicum.
June–July: Candidum, Testaceum, Regale, Humboldti, Pardalinum.
July: Superbum, Canadense, Grayi, Carolinianum, Batemanniæ, Krameri, Philadelphicum, Rubellum.
July–August: Colchicum, Auratum, Henryi.
August and later: Speciosum, Tigrinum.



Lilium auratum

Lilium Auratum

The Golden-banded Lily of Japan

This is the largest and, many think, the most gorgeous of all. The flowers are enormous (often 8 to 10 inches across), bell-shaped, with slightly flaring and waved petals, each thickly dotted with bristly maroon spots and marked by a showy bright yellow band down the center. They are intensely fragrant and come in tremendous clusters at the top of a strong, leafy stem. Excellent specimens may reach a height of 6 or more feet, with more than a dozen perfect blooms open at one time. They bloom in July and August, are stem-rooting, and should be planted quite deep. The ground should be covered with some low-growing plant, but the flowers must be able to rise above the undergrowth into full sunshine. These Lilies are most stately and magnificent, and in the evening, particularly on moonlight nights, array themselves in an almost unearthly beauty. At night the whole garden is pervaded with their delicious perfume.

	Each	Doz.	100
Bulbs 9 to 11 in. circum.	**$0 35**	**$3 50**	**$25 00**
Bulbs 11 to 13 in. circum.	**45**	**4 50**	**35 00**

Lilium candidum

The Madonna Lily

One of the oldest plants cultivated in gardens. It is sculptured on some of the most ancient vases dug up in Crete, where a civilization antedating that of the most ancient Egyptians flourished 5,000 years ago or more. It is a symbol of purity and all things lovely. The plants make healthy evergreen rosettes of leaves in the autumn, from which stout stems, clothed with short leaves, arise in spring, bearing spire-like clusters of pure white, starry Lilies beautifully illumined by brilliant yellow anthers. They, too, are deliciously sweet, but are not so overpoweringly fragrant as some others, and may be cut and brought into the house with comfort. It blooms in June, immediately before the Royal Lily, at the same time as Delphinium Belladonna, with which it is frequently combined. As it is base-rooting only, it should be planted shallow. It likes good, well-limed garden soil and a sunny exposure. The best bulbs are those which we import from northern France and England. They should be planted as soon as received, preferably in October.

	Each	Doz.	100
First-Size Bulbs	**$0 15**	**$1 50**	**$10 00**
Mammoth Bulbs	**25**	**2 50**	**20 00**
Jumbo Bulbs	**40**	**4 00**	**30 00**

Lilium speciosum magnificum

Lilium regale (The Royal Lily)

A very hardy, easily grown variety from the mountains of western China, and one of the most glorious of all. The flowers are gigantic, of true Lily shape, with long, waxen petals, recurved at the tips, and lightly frilled along the edges. In effect it is pure white, but the center of the flower is richly suffused with golden yellow and the brilliant orange-yellow anthers are large and showy. The outside of the buds and the three outer petals are stained with purple-brown, which often gives a faint pinkish value to the flowers seen in quantity. Unequaled for magnificent effect. Stem-rooting; plant moderately deep.

	Each	Doz.	100
First-Size Bulbs, 6 to 7 in. circum	**$0 20**	**$2 00**	**$15 00**
Mammoth Bulbs, 7 to 8 in. circum	**35**	**3 50**	**25 00**
Jumbo Bulbs, 8 to 9 in. circum	**50**	**5 00**	**40 00**
Monster Bulbs, 9 to 10 in. circum	**75**	**7 50**	**60 00**

Lilium speciosum magnificum

This is the finest of the showy Lilies and better than either Rubrum or Melpomene. In general, the flowers are somewhat like those of *L. auratum*, somewhat smaller, with narrower and more twisted petals. The main color is white, clouded, banded, and spotted with beautiful crimson and pink, giving the effect of some rare orchid. The plants are strong, with long, handsome leaves, grow 3 to 5 feet high, and bear great loose sprays of magnificent, delicately scented flowers, in August and September. This is an easy Lily to grow, succeeding in half shade or sun, provided the lower part of the stems is sheltered. As it is stem-rooting, it should be planted deep, and seems to like light, slightly acid soil best, although good results may be had in ordinary garden ground.

	Each	Doz.	100
Bulbs 9 to 11 in. circum	**$0 40**	**$4 00**	**$30 00**
Bulbs 11 to 13 in. circum	**60**	**6 00**	**45 00**

Lilium speciosum album (The White Showy Lily)

Slightly smaller in growth than Magnificum, but bears its fragrant, frosty blossoms in greatest profusion. They are snowy white with a deep emerald-green crease at the base of each petal, and showy yellow anthers. This is a charming Lily and requires the same sort of management as Magnificum.

	Each	Doz.	100
Bulbs 8 to 9 in. circum	**$0 40**	**$4 00**	**$30 00**
Bulbs 9 to 11 in. circum	**65**	**6 50**	**50 00**

OTHER HARDY LILIES

AURATUM. See page 30.

AURATUM PICTUM. A showy form of Auratum without the bright yellow band, which is replaced by a brilliant red stripe near the tip of each petal. Plant deep.

	Each	Doz.	100
Bulbs 9 to 11 in. circum	**$0 65**	**$6 50**	**$50 00**

AURATUM PLATYPHYLLUM. The tallest and largest of the Auratums, with broader, darker leaves and larger flowers similar to *Auratum*, but it lacks the red spots, leaving a pure white bloom with a yellow band. Plant deep.

	Each	Doz.	100
Bulbs 9 to 11 in. circum	**$0 45**	**$4 50**	**$35 00**
Bulbs 11 to 13 in. circum	**65**	**6 50**	**50 00**

BATEMANNIÆ. Batemann Lily. Like *L. elegans* in habit, with erect, chalice-shaped flowers of rich apricot color produced in July. It grows 3 to 4 feet high, with the flowers held upright on the top, and seems to enjoy ordinary garden soil in full sunlight, with a ground-cover. While it is stem-rooting, it need not be planted so deeply as most. **40 cts. each, $4 per doz., $30 per 100.**

CANDIDUM. See page 30.

CANADENSE. The red Meadow Lily of fields and roadsides. In July, its tall stems, 3 to 8 feet high, bear great sprays of nodding, bell-like, bright orange-crimson flowers dotted with maroon. It is stem-rooting, likes moist, well-drained ground. **35 cts. each, $3.50 per doz., $25 per 100.**

CAROLINIANUM. The Southern Swamp Lily. This is a near relative of the Turk's Cap Lily, *L. superbum*, but smaller and a little lighter in color. It grows 2 to 4 feet high, likes moist ground, *but good drainage*, and will endure almost total shade. The fragrant flowers are orange-crimson with a whitish throat and hang like bright red bells at the top of the stem. Likes acid soil and deep planting. Blooms in July. **40 cts. each, $4 per doz., $30 per 100.**

CHALCEDONICUM. The Scarlet Turk's Cap Lily. A slender, erect Lily, 2 to 4 feet high, bearing, in late June and July, three to six nodding, brilliant scarlet flowers with sharply reflexed petals faintly dotted purple and having scarlet anthers. Very showy and graceful. Likes dry, ordinary garden soil and full sunlight. Plant 5 inches deep and do not disturb it afterward. **$2.50 each, $25 per doz., $180 per 100.**

COLCHICUM SCOVITZIANUM (*L. monodelphum scovitzianum*). The stately Caucasian Lily. Great clusters of bell-shaped flowers with strongly recurved petals at the top of 6-foot stem. Flowers lemon-yellow, dotted and suffused with purple and greenish brown, very curious and beautiful, and are produced in late July and August. This is a base-rooting Lily and should not be planted too deep. It likes well-drained, sandy soil and a ground-cover or partial shade. **$1 each, $10 per doz., $80 per 100.**

DAVURICUM (*L. umbellatum; L. dauricum*). The Candlestick Lily. Much like *L. elegans*, but taller and grows stiffly erect. A very showy variety with burning red-orange flowers held upright and produced in June. Plant shallow in full sunlight in any soil which is well drained. **40 cts. each, $4 per doz., $30 per 100.**

ELEGANS, ALICE WILSON. Erect, dwarf plant, 1 to 2 feet high, with upright flowers of bright lemon-yellow, very bright and showy in June. Plant shallow in light soil in full sun. Good for naturalizing or rock-gardens. **65 cts. each. $6.50 per doz., $50 per 100.**

ELEGANS ATROSANGUINEUM. Similar to Alice Wilson in habit and needs the same treatment, but the flowers are dark blood-red with purple dots. **60 cts. each, $6 per doz., $45 per 100.**

GRAYI. Gray's Lily. Modest, bell-shaped flowers of orange-brown outside and bright red-orange and yellow inside, thickly powdered with darker dots. Grows 2 to 4 feet high, likes moist, loamy soil and a sunny place, such as a stream-bank. Blooms in July. Plant 4 inches deep. **40 cts. each, $4 per doz., $30 per 100.**

HANSONI. Hanson's Lily. Delicately fragrant, nodding flowers of pale yellow-orange, with thick, waxen, recurved petals, in clusters above broad whorls of leaves on stems 2 to 4 feet high. Likes shade, moist soil and blooms very early in June. Plant moderately deep. **60 cts. each, $6 per doz., $45 per 100.**

HENRYI. Henry's Lily or the Yellow Speciosum. A very lovely flower of the Speciosum type. It grows 8 to 10 feet high or more in favorable places, and likes to root among low shrubs, sending its tall stems up into the sunlight where its bright apricot-yellow flowers may show at their best. Ordinary soil suits it, and moderately deep planting. Blooms in July and August. **Strong bulbs, 50 cts. each, $5 per doz., $35 per 100.**

Lilium rubellum | Lilium tenuifolium | Lilium Batemanniæ | Lilium Grayi

OTHER HARDY LILIES, continued

HUMBOLDTI. Humboldt's Lily. A strong-stemmed Lily 4 to 6 feet high, with brilliant orange-yellow, nodding flowers spotted with purple, in June and July. Likes rich soil, with plenty of moisture. Plant 4 inches deep. **75c. each, $7.50 per doz., $60 per 100**

KRAMERI (*L. japonicum*). A lovely, big, pink Lily of true trumpet form, carried beautifully on stem about 2 to 3 feet high, but not very strong. It likes good, rich, peaty soil, with plenty of moisture and good drainage. Blooms in late July. Plant deep.
50 cts. each, $5 per doz., $40 per 100

MARTAGON. The Purple Lily. Small, turban-shaped flowers of dull purple, in great pyramidal sprays on a strong stem 2 to 5 feet high. Blooms in June. Likes cool, damp places with much shade. Plant shallow. **40 cts. each, $4 per doz., $30 per 100**

PARDALINUM. The California Leopard Lily. Tall and striking, with rich orange-red flowers having back-flared petals, and strongly marked by purple spots ringed lighter. It blooms in June and July and likes deep, rich, woodsy soil. Plant 5 inches deep.
40 cts. each, $4 per doz., $30 per 100

PHILADELPHICUM. Wood Lily. A wild Lily of the eastern states, thriving in dry, sandy places with partial shade. The short stalks are 1 to 2 feet high, with dark red, erect flowers in July. Plant moderately deep. **35 cts. each, $3.50 per doz., $25 per 100**

REGALE. See page 31.

RUBELLUM. A smaller form of *L. Krameri*, which it resembles, but is much more dependable. It blooms in July and requires the same treatment. **45 cts. each, $4.50 per doz., $35 per 100**

SPECIOSUM ALBUM. See page 31.

SPECIOSUM MAGNIFICUM. See page 31.

SUPERBUM. The Turk's-Cap Lily. Considered the handsomest American Lily. It grows 5 to 8 feet high, with an immense, pyramidal cluster of brilliant orange-red, turban-shaped flowers, yellowish inside and spotted brown. It likes to be planted deeply in moist, well-drained soil. **35c. each, $3.50 per doz., $25 per 100**

TENUIFOLIUM. Coral Lily. A dwarf, very graceful Lily, with thread-like leaves and clusters of nodding, tiny, bell-like, recurved flowers of brilliant coral-red in June. Likes damp soil among rocks, with access to sunlight above. Plant 6 inches deep.
25 cts. each, $2.50 per doz., $20 per 100

TESTACEUM. Nankeen Lily. Of the same general habit as *L. candidum*. The stalks grow 3 to 6 feet tall and bear three to more than a dozen very charming, nodding, *Turk's-Cap* flowers, white outside, dusky orange or pale apricot within. Give same treatment as *L. candidum*. Blooms in June and July.
$2 each, $20 per doz., $150 per 100

TIGRINUM. The Tiger Lily is well known, with its showy, spotted red-orange flowers in wayside gardens in August and later. Very easy to grow, thriving in full sun in any soil. Plant shallow.
30 cts. each, $3 per doz., $20 per 100

TIGRINUM FLORE-PLENO. The double Tiger Lily is even showier and more handsome in a way than the original. It blooms a little later and requires the same treatment.
35 cts. each, $3.50 per doz., $25 per 100

LILY BULBS FOR INDOOR GROWING

CALLA LILIES

These like a stiff, clayey soil with a small quantity of shredded cow-manure. Bulbs should be set with the crown, or top, protruding just above the surface. When in growing condition, warm water given several times during the week will hasten the flowering period and increase the number of blooms. When using the large-sized bulbs, plant but one in a pot; smaller ones, two. We call especial attention to the Yellow Calla, which is one of the grandest varieties in cultivation, and most valuable for house or conservatory decoration. See the description below. Plant Callas indoors only in the fall of the year.

WHITE CALLA LILY—	Each	Doz.	100
Jumbo size	$0 50	$5 00	$40 00
Mammoth size	40	4 00	30 00
First size	25	2 50	20 00

YELLOW CALLA LILY. A grand novelty—one that should be planted extensively. The deep golden yellow flowers are truly magnificent and produced in abundance. The green foliage is spotted creamy white, which adds to its beauty.

	Each	Doz.	100
First-size bulbs	$0 50	$5 00	$40 00
Mammoth bulbs	60	6 00	45 00

EASTER LILIES

We offer three types of the Longiflorum Lily usually grown by the florist. Of the three types we recommend *Lilium formosum* as the best for private conservatory growing.

LILIUM HARRISI—
These bulbs arrive from Bermuda in July.

	Each	Doz.	100
9 to 11 inches in circumference	$0 75	$7 50	$60 00
11 to 13 inches in circumference	1 00	10 00	80 00

L. LONGIFLORUM FORMOSUM—
We have contracted for and expect some of each of the following sizes about Sept. 1.

9 to 10 inches in circumference	75	7 50	60 00
10 to 12 inches in circumference	90	9 00	70 00
11 to 13 inches in circumference	1 00	11 00	80 00

L. LONGIFLORUM GIGANTEUM—
We have contracted for and expect some of each of the following sizes to arrive October or early November.

9 to 10 inches in circumference	55	5 50	45 00
10 to 12 inches in circumference	75	7 50	60 00

Anemone, St. Brigid | Cypripedium acaule | Eremurus. See page 34 | Leucojum vernum. See page 35

AMARYLLIS

Stumpp & Walter Co.'s Giant Hybrids

Few, if any, of the bulbous plants give the amateur greater pleasure for the window-garden than these giant-flowering Amaryllis that are so easily managed. Up to a few years ago, the finest varieties of these were exhibited at our New York Flower Show and were in the hands of just a few fanciers who procured their bulbs from a famous English collection. The United States Department of Agriculture, at Washington, has been improving on these strains for the past fifteen years, and our grower has been producing bulbs from a strain secured from the Government. One of the most glorious sights in March is several thousands of these magnificent pot plants in bloom in the Government greenhouses at Washington, D. C. Our strain of bulbs produces vigorous stems with from four to six blooms of the most perfect form, ranging in color from pure white grounds with varied markings of rose, red, and crimson, to the richest self colors, such as scarlet, crimson, bright red, cherry, and almost maroon. Pot up bulbs, as soon as received, in good garden loam, enriched with a handful of bone fertilizer; water well and store in a dark place in a temperature of 50 to 60 degrees for four weeks until well rooted, then bring to light. Put in a sunny window and give water regularly. Bulbs potted up during September and October may be had in bloom in March. After they are through blooming, the pots may be set outdoors, laying them on the side until the bulbs become dormant. They may be repotted the following fall.

Mixed colors, Jumbo Bulbs, suitable for 6-inch pots, 50 cts. each, $5 per doz., $40 per 100

ANEMONES (Windflower)

These popular flowers of French origin are useful as decorative plants for house or garden, and for cutting. If planted outdoors in the fall they must be well protected; they may also be planted in the spring in well-drained soil, and will flower during the summer.

His Excellency. Large, bright red, semi-double, showing a black center and suggesting a red poppy. 75 cts. per doz., $6 per 100.

Excelsior Mixture. We consider this the finest strain of single-flowering Anemones as yet raised. The plants are taller in growth than the St. Brigid and more single. They contain many fine shades of blue, white, and scarlet. 75 cts. per doz., $6 per 100.

St. Brigid. There is a wide range of rich and brilliant colors in this magnificent strain. $1 per doz., $7.50 per 100.

CHIONODOXA (Glory-of-the-Snow)

This is considered one of the hardiest, most easily cultivated, and one of the most beautiful of the early-flowering bulbous plants for mass planting which blooms about the same time as the Crocuses. The flower-spikes are about 5 inches high, and bear ten to fifteen Scilla-like blooms. They are especially suited for the herbaceous border, where they should be planted in clumps of 20 to 25 bulbs, 3 to 4 inches deep, 2 to 3 inches apart. In this way the plants seed and soon produce a perfect mass of flowering bulbs.

Luciliæ. Sky-blue flowers, white in the center. 40 cts. per doz., $2.50 per 100, $20 per 1,000.

Luciliæ, White. Beautiful white form of the above. $1.50 per doz., $10 per 100, $90 per 1,000.

Sardensis. This is earlier than the variety Luciliæ, and the earliest deep blue flower. 50 cts. per doz., $3 per 100, $25 per 1,000.

CAMASSIA

These are perfectly hardy bulbous plants that thrive well in any situation and are excellent for naturalizing. They bloom in June, producing flower-spikes 2 to 4 feet high, bearing many star-shaped flowers, measuring 1½ to 2 inches across. Bulbs should be planted 4 to 5 inches deep, and in the case of Esculenta and Leichtlini, where mass effects are desired, 4 to 5 inches apart.

Cusicki. This noble variety is very suitable for the border, and under good cultivation grows to the height of 4 feet. The tall spikes bear numerous pale lavender, starry flowers with yellow anthers. $5 per doz., $35 per 100.

Esculenta. This plant, a native of the Mississippi Valley, grows 1½ to 2 feet high, bearing spikes well filled with lovely purple, starry flowers. Very showy in mass planting. 75 cts. per doz., $5 per 100, $40 per 1,000.

Leichtlini. Similar to Esculenta, but a stronger grower. Flowers are larger and come in hues of deep blue and creamy white. $1.25 per doz., $9 per 100, $80 per 1,000.

CYPRIPEDIUM

Acaule (Pink Lady's-slipper; Moccasin Flower). This beautiful native plant is an excellent subject for a damp, shady situation, woodland or shaded paths, and planted among ferns. It grows about 1 foot high and produces a large, showy, rose-purple bloom. The flowers appear to best effect when the plants are about 8 inches apart, and they should be planted about 3 inches deep. Prefers a mulch of pine or hemlock needles until it becomes established. $4 per doz., $30 per 100.

Pubescens. This is the large yellow Lady's-slipper or Moccasin Flower. Its showy, fragrant blooms are produced at the top of a leafy stem. These little plants are very attractive planted in colonies and are excellent for the woodland path or among sheltered evergreens. $4 per doz., $30 per 100.

DIELYTRA (*Dicentra spectabilis*)

Bleeding Heart or Seal Flower

An old-fashioned favorite, with long racemes of graceful heart-shaped pink flowers that are always attractive. It is used largely for forcing, but is also excellent for the garden border and especially valuable for planting in the shade. A splendid pot-plant for winter blooming in the greenhouse or conservatory. Strong clumps, 50 cts. each, $5 per doz., $40 per 100.

ERANTHIS HYEMALIS (Winter Aconite)

Early in spring the golden blossoms look charming, resting on an emerald-green cushion of leaves, and forming a striking contrast to the snowdrops, scillas, and chionodoxas. The foliage remains long after the flowers, making the plant especially valuable in moist situations, such as under trees, which the Winter Aconite enjoys, and where few other flowering plants will thrive. Plant firmly, 2 inches deep, about 15 bulbs to the square foot. 50 cts. per doz., $3 per 100, $25 per 1,000.

Chionodoxa Luciliæ. See page 33

Fritillaria meleagris
See page 35

Muscari or Grape Hyacinths
See page 35

Bulbous Irises

EREMURUS

This noble and rare bulbous plant from Turkestan is one of the choicest subjects for the permanent hardy border. It thrives best in a well-drained, sheltered, sunny position, and prefers a deep sandy loam to which has been added a liberal quantity of well-rotted cow manure. A covering of 4 to 5 inches of leaves or litter will be beneficial and will save the young shoots, which start early, and are liable to be damaged by late frosts. It produces a tall, majestic flower-stalk, frequently 8 to 10 feet in height, which rises from a crowded tuft of narrow leaves and is crowned by a flower-spike 2 to 3 feet long, composed of closely set bell-shaped flowers which are quite star-like in effect. The colors are tones of rose, yellow, and white. Due to the pyramidal form of the flower-spikes they are excellent for the rear of the hardy border where columnar effect is desired.

	Each	10
Bungei. Very beautiful, deep yellow flowers in July. A strong grower, reaching a height of 6 feet	$3 00	$27 50
Elwesi. Beautiful soft pink blooms in June. Broad green foliage. A very vigorous-growing variety reaching a height of 10 to 12 feet	4 00	35 00
Elwesi albus. Pure white form of the above	6 00	55 00
Himalaicus. Waxy white flowers with golden anthers. Height 6 to 8 feet	3 00	27 50

EREMURUS, continued

	Each	10
Him-Rob. This is a hybrid between *E. himalaicus* and *E. robustus*, producing 8- to 10-foot stems with flower-spike 3 to 4 feet long, closely set with large flowers of pale silvery pink. Blooms in June	$5 00	$45 00
Robustus. Rosy pink flowers in June on 8- to 10-foot stems. Strong grower	4 00	35 00
Shelford. Coppery yellow flowers closely arranged on a 6-foot stem and almost clothing half of it	5 00	45 00

ERYTHRONIUM (Dog's-tooth Violet)

Americanum. This charming native woodland plant is particularly suitable for the shady dell or woodland and is fine for shaded corners or the rock-garden. It produces in April, small, lily-like flowers, which vary in color through shades of white, pink, bright yellow, rose, and cream. The beauty of the flowers is greatly enhanced by the richly mottled leaves. They seem to like a light, rather moist, well-drained soil. The bulbs should be planted about 5 inches deep. $1.75 per doz., $12 per 100.

Citrinum. A native of southwestern Oregon. Heavily mottled leaves with white or soft yellow flowers having an orange center. Quite a distinctive species. $1.50 per doz., $10 per 100.

Type of Bulbous Iris blooms

Bulbous Irises

We are listing below what we believe to be the best distinct colors in Bulbous Irises, as well as the hybrid forms, Wedgwood and The First. They are excellent for growing under glass and may be grown in the garden also. Very showy displays can be made in the garden by planting in masses of distinct color or groupings of pastel shades. Their elegant flowers, borne on strong, slender stems, in a range of colors, brilliant and beautiful, create lovely effects. When planted outdoors in well-drained border, cover about 5 inches deep. Bloom outdoors in late May and early June.

The amateur who has not grown these beautiful Bulbous Irises in his garden will be interested in the following six distinct varieties which are offered at a much reduced price this year.

Six Fine Varieties

For Outdoor Planting or Indoor Growing

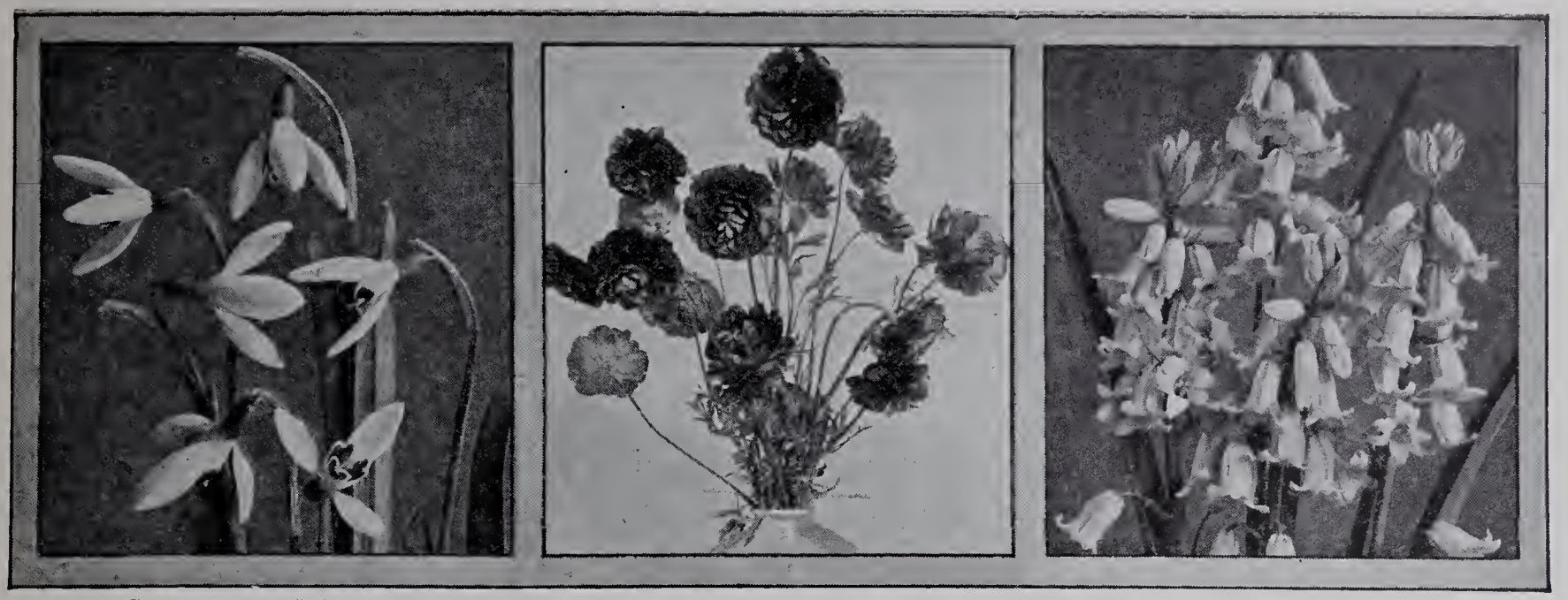
Adrian Backer. A beautiful pure uniform purple-lilac.
D. Haring. Considered the finest pure white variety.
E. B. Garnier. Standards and falls a uniform deep blue, similar to Imperator.
Golden Glory. Standards golden yellow; falls darker.
Therese Schwartze. Standards pale cornflower-blue; falls purest white, with narrow orange stripe. A rather odd and distinct color and much admired at our trial-grounds.
Yellow Queen. Standards an even tone of pale yellow; falls slightly deeper in shade. The finest, palest Bulbous Iris.

Any of the above varieties, $1 per doz., $7 per 100, $60 per 1,000

Two Fine Hybrid Forcing Varieties

The First. This beautiful seedling of Tingitana is similar in color and size to Wedgwood, except a trifle darker in color. Like Wedgwood, it is one of the popular varieties for winter forcing. **Jumbo bulbs, $2 per doz., $15 per 100**

Wedgwood. Similar in color to The First, except a trifle lighter. Standards blue; falls beautiful pale blue, with a yellow blotch. Large flowers borne on tall, strong spikes. This and The First are two of the best Irises for greenhouse growing for winter bloom. Flowers frequently measure 6 inches across, borne on stems 2 feet tall. **Jumbo bulbs, $2 per doz., $15 per 100**



Snowdrops or Galanthus

Ranunculus. See page 36

Scilla nutans. See page 36

ERYTHRONIUM, continued

Giganteum. A large, cream-colored variety with mottled leaves. Height 6 to 10 inches. $1.50 per doz., $10 per 100.

Hendersoni. Lavender and purple flowers with mottled leaves. Height 6 to 10 inches. $1.50 per doz., $10 per 100.

Johnsoni. Considered the most lovely of all Erythroniums. An exquisite soft pink with mottled leaves. $1.50 per doz., $10 per 100.

FRITILLARIA IMPERIALIS

Crown Imperials

Well-known hardy border plants, bearing clusters of immense, pendent, bell-shaped flowers, surmounted with a tuft of green leaves.

	Each	Doz.	100
Maxima lutea. Robust; immense yellow flowers	$0 80	$8 00	$60 00
Maxima rubra. Red-flowered form of the above	80	8 00	60 00

FRITILLARIA MELEAGRIS

Singular, dwarf, spring-flowering plants, bearing large, pendent bell-shaped flowers, in yellow, white, black, purple, striped and splashed, and checkered in the most curious way. They are invaluable for pot culture, and pretty when grown in large groups in a dry situation.

	Doz.	100	1,000
Alba. White	$0 60	$4 00	$38 00
Calypso. Purple	60	4 00	38 00
Mixed. Select mixtures	50	3 00	28 00

GALANTHUS (Snowdrops)

These are particularly effective under hedges, under cedar trees, and in thin woodland. They are the first to open in the spring and are very lovely. As they dislike being moved, they should be left alone to naturalize themselves. Plant 2 inches deep, mulch in winter with straw, hay, leaves, or well-decayed manure.

Single. Selected Bulbs. 50 cts. per doz., $3 per 100, $28 per 1,000.

Double. Selected Bulbs. 60 cts. per doz., $4 per 100, $38 per 1,000.

IXIAS

The Ixia is a beautiful little winter-flowering bulb, with long, slender, graceful spikes of bloom. The colors are rich, varied and beautiful, the center always differing in color from the other parts of the flower, so that the blossoms, expanding in the sun's rays, present a picture of gorgeous beauty. Very desirable for pots.

	Doz.	100
Afterglow. Beautiful new variety with deep coppery yellow flowers, shaded salmon and deep red	$1 50	$10 00
Althea. Large; pure white with purple center	75	5 00
Conqueror. Large, pure yellow flowers, heavily tinged brownish red on the outside of the petals	75	5 00
Crateroides major. Rich bright scarlet	1 25	8 00
Englishton. A strong-growing variety with large, warm violet-carmine flowers	75	5 00
Hubert. Most desirable rose-carmine variety	75	5 00
Morning Star. A beautiful clear rose-pink	1 25	8 00
Mozart. The finest and deepest golden yellow variety	80	6 00
Finest Mixed. A mixture of good outstanding colors	50	3 50

LEUCOJUM VERNUM (Spring Snowflake)

This pretty bulbous plant is similar to the snowdrop but of larger, stronger, and more attractive habit. In rich soil it grows to a height of 8 inches and produces, in late April, beautiful large white flowers, tipped with green, that are excellent for cutting. When once planted they take care of themselves, and should be in all hardy collections. Also do well in pots. $1 per doz., $7 per 100, $60 per 1,000.

MERTENSIA VIRGINICA

A beautiful hardy perennial particularly effective in the open border and for naturalizing in woodlands and along brook or pond. The plant grows from 1 to 2 feet high, bearing a panicle of flowers of a soft porcelain-blue shade, about 1 inch long, in short, pendent clusters. It flowers a long time, beginning with the daffodils and continuing while the May-flowering tulips are in full bloom. Extra-heavy clumps, $4 per doz., $30 per 100.

MUSCARI (Grape Hyacinths)

Very beautiful little flowers for planting in masses, either in shade or where exposed to the sun. They produce flower-spikes thickly set with small, bell-like blooms. When planted out in herbaceous borders, where they can be left undisturbed, they do exceedingly well, each year adding to their already profuse-blooming qualities. Bloom outdoors during May. They are also excellent for pot culture. Plant in bold groups, 2 to 3 inches deep and 2 inches apart.

Heavenly Blue. This variety is the largest and best of the Grape Hyacinths. The bells are large and form a fine truss. Splendid effects are produced by massing in the garden or border. 50 cts. per doz., $3 per 100, $28 per 1,000.

Album. A very beautiful white form of the above and excellent to use for contrasting with Heavenly Blue. 60 cts. per doz., $4 per 100, $38 per 1,000.

ORNITHOGALUM UMBELLATUM

Star of Bethlehem

This is the hardy type; flowers are white with black eye, carried in umbels of three or more flowers. Very fine for naturalizing in woodland. $7 per 100, $65 per 1,000.

OXALIS

An unrivaled winter-flowering pot plant of the easiest culture, succeeding with everybody

Large-flowering. We have a very fine strain of these Oxalis. Flowers are large, and they may be had in blossom. by successional plantings, from October until February. Plant 6 bulbs in a 5- or 6-inch pot, water, put in a dark place for a week, then set in a sunny window. We have four colors—Yellow, Pink, White, and Lavender. 50 cts. per doz., $3.50 per 100.

Camassia Leichtlini. See page 33

Trillium grandiflorum

Erythronium americanum See page 34

Mertensia virginica. See page 35

RANUNCULUS

The bulbs of Ranunculus resemble tiny clumps of dahlia roots. They look as much like spiders as anything. The flowers are extremely double, almost globular, regular in outline, often exceed 2 inches in diameter, and are to be had in all the colors except blue. The colors are bright, clear, and pure.

French Mixed. We offer a mixture of all colors of the French Ranunculus at 70 cts. per doz., $5 per 100, $48 per 1,000.

Palaflor. A distinct new strain of these beautiful flowers having stems 18 inches long with lovely large double flowers resembling in shape and size the wonderful camellia blooms. The colors range through palest pink to bright red and delicate tones of lemon to pure white. This new hybrid strain is a decided acquisition and should be grown both indoors and for garden planting as well. $2 per doz., $15 per 100.

SCILLA campanulata (Wood Hyacinth)

Bears spikes, 15 inches high, of bell-like flowers, during early May. Plant 5 or 6 inches deep in shady situations. Very effective for borders; will grow under fir or pine trees.

Alba maxima. Clear white, with very fine, large bells. 60 cts. per doz., $4 per 100, $38 per 1,000.

Blue Queen. Erect spikes of porcelain-blue flowers; strong grower. 50 cts. per doz., $3 per 100, $28 per 1,000.

Excelsior. Bright deep blue, with large bells. 50 cts. per doz., $3 per 100, $28 per 1,000.

Rose Queen. Bells of soft lilac-rose; very pretty. 60 cts. per doz., $4 per 100, $38 per 1,000.

Scilla sibirica (Siberian Squill)

Spikes 3 to 4 inches high, of small, drooping, bell-like flowers. Fine for massing in borders or naturalizing. Plant 3 to 4 inches deep. Blooms in April.

Blue. Splendid for massing. Jumbo bulbs, 50 cts. per doz., $3 per 100, $28 per 1,000.

White. A variety sometimes used for interspersing with the blue sorts. 60 cts. per doz., $4 per 100, $38 per 1,000.

Scilla nutans (English Bluebell)

The flowers of this lovely Scilla are similar in type to *S. campanulata* listed above, but spikes are not as tall and are more arching in character. Visitors to the English countryside during daffodil time will doubtless remember this pretty flower which is a native of the woodlands and blooms the same time as the daffodils. 50 cts. per doz., $3 per 100, $28 per 1,000.

SPIREA (November delivery)

Avalanche. New. White variety with long spikes. Fine for forcing.

Gladstone. Large spikes of pure white flowers, borne on strong stems 18 inches high.

Gloria superba. A recent introduction that is conspicuously beautiful with its dense, feathery plumes of brilliant dark pink flowers.

Queen Alexandra. A popular variety on the order of Gladstone, but of a pale pink color.

Peach Blossom. Shade of peach-blossom pink; free-flowering.

Strong Clumps of any of the above 5 varieties, $1 each, $10 per doz., $75 per 100

TRILLIUM

Grandiflorum. This beautiful native woodland plant grows from 8 to 12 inches high and produces large white flowers, turning lilac with age, frequently 2 to 2½ inches long by 2 inches wide. It is becoming extremely popular for garden planting. We offer large, strong clumps at $1 per doz., $7 per 100, $60 per 1,000.

Stylosum. Similar to the above but somewhat smaller and has pink flowers. $1.50 per doz., $10 per 100, $90 per 1,000.

TRITONIA CROCATA

This beautiful Cape Bulb is produced in California and is usually treated as a greenhouse bulb and handled like the freesia, which it somewhat resembles in its foliage. The lively orange-red flowers are borne on slender stems in racemes and are about 2 inches across. Splendid pot plant. 80 cts. per doz., $6 per 100, $50 per 1,000.

GERMAN IRIS (*Iris germanica*)

We have endeavored to offer only the most outstanding varieties in distinctive and attractive color shades.

Afterglow. A soft blending of lavender-gray and pink, shading to buff in the falls. 50 cts. each, $5 per doz.

Alcazar. Huge size, stately appearance, and a delightful fragrance are enough to class this as an outstanding Iris. The standards are soft violet-orchid, with the falls rich crimson-purple, and white throat marked bronze. 50 cts. each, $5 per doz.

Ambassadeur. The falls are rosy lilac and the standards rich reddish purple. Placed where the rays of the sun shine through it, it appears to be rich ruby-red. $1 each, $10 per doz.

Asia. The standards are pale silvery lavender, with golden base, with the falls rosy lavender, margined lighter; bright golden yellow beard. $1 each, $10 per doz.

Ballerine. This is a favorite among the light blue varieties. The large flowers are produced freely, quite late, on strong, 4-foot stems, and are very fragrant. $1 each, $10 per doz.

Bruno. The flowers are remarkable for their heavy, plush-like texture which brings out the beauty of the exquisite coloring to the highest degree. The standards are of heliotrope, flushed bronze, with falls of rich purple, shaded violet, veined with white in the throat. $2 each, $20 per doz.

Cluny. A tall-growing variety with standards of light lavender; falls darker lavender, shading to blue. $1 each, $10 per doz.

Dominion. Characterized by the heavy, plush-like texture and rich, deep coloring. The standards are of steel-blue and the falls deep rich indigo-purple. $2 each, $20 per doz.

Dream. Soft, clear, uniform pink. Daintiness and charm find a home with this exquisitely pretty Iris. 50 cts. each, $5 per doz.

Fairy. One of the few older varieties that have stood the test of time. Milk-white delicately penciled and margined light blue, with a bright golden beard. 25 cts. each, $2.50 per doz.

GERMAN IRIS, continued

Frieda Mohr. A giant-flowered pink variety that measures up to 7 inches across. Perfectly formed, of good texture, and brilliantly colored. Certainly an outstanding variety. $2 each, $20 per doz.

Gold Imperial. Deep chrome-yellow throughout, enhanced by a bright orange beard. $1 each, $10 per doz.

Grevin. It is a rich red-purple throughout and a favorite variety. 75 cts. each, $7.50 per doz.

Jacqueline Guillot. The blooms are finely formed, silky in texture, and of a beautiful bluish violet throughout. $1 each, $10 per doz.

Khedive. Standards beautiful soft lavender; falls white, veined brown. 25 cts. each, $2.50 per doz.

Lent A. Williamson. The standards are of lavender-violet and the falls royal purple. Fine form and great substance. 40 cts. each, $4 per doz.

Lohengrin. Foliage and flowers of gigantic size. Standards and falls are of uniform shade of violet-mauve. 50 cts. each, $5 per doz.

Lord of June. The blooms are huge and possess an enchanting fragrance. The standards are soft lavender-blue and the falls rich violet-blue. 50 cts. each, $5 per doz.

Magnifica. Delightfully fragrant, of heavy texture and large size. The general color is violet, in the standards shaded blue, and in the falls shaded red. $1 each, $10 per doz.

Medrano. The standards are red-copper, with a suggestion of violet; falls dark crimson-purple, flaked buff and lavender. 75 cts. each, $7.50 per doz.

Mme. Chobaut. As a whole a pretty shade of yellow. The standards are ruffled, and overlaying the yellow is a flush of rosy bronze; falls are stippled and marked red. 75 cts. each, $7.50 per doz.

Moliere. Standards of light blue, overlaid brown; falls purplish maroon, lighter at the edges. 75 cts. each, $7.50 per doz.

Morning Splendour. Deep rich purple. Very fine habit, form, and substance make it an excellent garden variety. $1 each, $10 per doz.

Mother of Pearl. Iridescent shades of mother-of-pearl suffuse the entire bloom, which is of large size and perfect shape. 75 cts. each, $7.50 per doz.

Opera. Silky blooms of rich violet-red on 2-foot stems. The beard is decidedly reddish. 50 cts. each, $5 per doz.

Pallida, Albert Victor. Another old variety hard to duplicate. Standards soft blue; falls lavender. 25 cts. each, $2.50 per doz.

Perfection. Standards light blue; falls dark violet. Free-flowering variety and excellent for the garden. 40 cts. each, $4 per doz.

Princess Beatrice. Pure, soft, lustrous lavender. Large size and fine shape. An outstanding variety. 75 cts. each, $7.50 per doz.

Princess Victoria Louise. The standards are sulphur-yellow and the falls rich plum, bordered cream. 25 cts. each, $2.50 per doz.

Prosper Laugier. Standards glistening fiery bronze, falls rich ruby-red with a velvety sheen. The throat is white, netted with old-gold. 50 cts. each, $5 per doz.

Quaker Lady. Vigorous growth. Standards are smoky lavender and the falls overlaid with gold. 25 cts. each, $2.50 per doz.

Queen Alexandra. Standards fawn, shot with lilac; falls bronze with yellow beard. 30 cts. each, $3 per doz.

Queen Caterina. Pale lavender-violet standards and falls and brilliant orange beard. Under certain lights appears pink. 40 cts. each, $4 per doz.

Raffet. A variety combining several shades of violet in a most attractive fashion. 30 cts. each, $3 per doz.

Rhein Nixe. Standards are snow-white and the falls rich pansy-violet, with a margin of white. 25 cts. each, $2.50 per doz.

Seminole. In the limited class of crimson Irises, this is king. Bright velvety red-purple throughout, with a striking orange beard. 50 cts. each, $5 per doz.

Shekinah. Considered to be the best all-round yellow obtainable. Standards clear soft yellow; falls are of the same color, with a fine golden beard. 35 cts. each, $3.50 per doz.

Sherwin Wright. Fine deep yellow throughout. 35 cts. each, $3.50 per doz.

Souv. de Mme. Gaudichau. Standards are dark purple and the falls are even a shade darker, with blackish sheen. Even the beard is of the same color. 75 cts. each, $7.50 per doz.

Susan Bliss. Orchid-pink blooms of perfect form proudly surmount tall, strong stems. $1.50 each, $15 per doz.

White Knight. Waxy white flowers of heavy texture and fine form. 50 cts. each, $5 per doz.

SIBERIAN IRIS

The Siberian Irises are much like the Dutch Bulbous Irises in form of flower and time of bloom. Their foliage, however, is long and grass-like. They are splendid for cut-flowers.

Emperor. A uniform deep violet-blue throughout. 30 cts. each, $3 per doz.

Perry's Blue. Beautiful shade of sky-blue, with the falls slightly marked white. 30 cts. each, $3 per doz.

Siberian Blue. Rich blue. 25 cts. each, $2.50 per doz., $20 per 100.

IRIS PUMILA

These lovely little Irises do not grow over 4 inches high, and bloom during April and May.

	Each	Doz.
Excelsa. Splendid pale lemon-yellow	$0 35	$3 50
Sambo. Dark violet-blue	35	3 50
Schneekuppe. A large, showy white	35	3 00

German Iris, Ambassadeur

The illustration above features four new Japanese Irises—White Giant, Blue Lake, Violet Giant, and Mahogany Giant

Four Fine New Japanese Irises

VIOLET GIANT. Rich violet, shading to rose. Flower of gigantic size, semi-double. A wonderful grower, distinct in color from any existing varieties. The flowers frequently measure 27 inches in circumference.

BLUE LAKE. We consider this the finest Japanese Iris of its color—a beautiful bright blue. The flowers measure 25 inches in circumference.

WHITE GIANT. The finest white Japanese Iris in existence, surpassing the new Betty F. Holmes and the older Gold Bound which, heretofore, have been considered the leaders. A strong, vigorous grower, pure white, with yellow markings on the standards. In size it is equal to Violet Giant and is a fitting companion variety.

MAHOGANY GIANT. This Iris is a deeper shade of maroon-violet than the standard variety, Mahogany, and larger in size.

Any of the above Giant Varieties, $2 each, $20 per dozen

Special Offer Collection: One Each of the 4 Varieties, $7.50

STANDARD VARIETIES OF JAPANESE IRIS

AZURE. Double. Immense flower of mauve-blue with darker halo surrounding the yellow blotch at base of petals. 50 cts. each, $5 per doz.

CHOSEIDAN. Double-flowered type of ruby-crimson. There are small yellow blotches surrounded by white halos which radiate in broad lines. 50 cts. each, $5 per doz.

GOLD BOUND. For all general purposes the best white variety. Not as large as White Giant but a strong-growing kind and one of the best. 50 cts. each, $5 per doz.

GRACE SPERLING. Single. Hortense-violet; petaloid stigmas light Hortense-violet. Very early. 50 cts. each, $5 per doz.

LA FAVORITE. Large, double, wavy flowers, white veined blue, purple center. 50 cts. each, $5 per doz.

LAVENDER QUEEN. Very large, single variety of soft even lavender color. 60 cts. each, $6 per doz.

MAHOGANY. An attractive red, shaded maroon. Flowers are not as large as some other varieties, but the color of this double-flowered form makes it a favorite. 60 cts. each, $6 per doz.

MRS. GEORGE STUMPP. Pure white, except for a cast of blue. A single-flowered type. 50 cts. each, $5 per doz.

PAINTED LADY. Single. White, center blotched light phlox-purple. The tufts are also white, edged with the same phlox-purple shade. 50 cts. each, $5 per doz.

PYRAMID. A tall-growing variety. Dark violet-purple in color, with a bright yellow blotch. A double-flowered form of large size. 60 cts. each, $6 per doz.

RED RIDING HOOD. Single. Fine amaranth, veined and suffused white. 50 cts. each, $5 per doz.

ROSE-ANNA. Ivory-white, with heavy ruby-red veins, and conspicuous yellow blotch; stigmas dark plum. A double-flowered type. 60 cts. each, $6 per doz.

VIOLET BEAUTY. Deep violet. An outstanding variety. The flowers are single in form but very large and very attractive. 60 cts. each, $6 per doz.

DON'T EXPERIMENT—WE'VE DONE THAT FOR YOU

Staigreen LAWN SEED
BEST ON EARTH

DELIVERED PREPAID ANYWHERE IN U.S.A. WHEN CASH ACCOMPANIES ORDER

Staigreen Is a modern lawn seed mixture, the result of years of experimenting and practical sowing in all types of soil. It now contains a larger percentage of the desirable Bent Grass than before.

Staigreen Is composed of grass varieties which will make a permanent sod of deep-rooted grasses forming a luxuriant turf, enduring from early spring until covered by winter snow.

Staigreen Weighs over 25 lbs. to the bushel, which is an exceptional weight for lawn seed, and heavy weight means pure seed of highest quality free from weeds and inferior grasses.

We recommend STAIGREEN for all lawns, whether new or old, except in the extreme South. It does best in medium rich soils, but if the soil is poor it should be enriched with Emerald Grass Fertilizer.

One pound will make a new lawn 20 by 20 ft., or 100 lbs. per acre. Use double this quantity when quick results are desired; use half quantity for renovating old lawns. Sow STAIGREEN during autumn or spring.

PAMPHLET "HOW TO BUILD A PERMANENT LAWN" FREE IN EVERY PACKAGE

Don't experiment—We've done that for you

Now Offered at Lower Prices

Lb. (Sifter Top Container)	$0.60	12½ lbs.	$6.75
2½ lbs.	1.45	25 lbs.	13.00
5 lbs.	2.85	100 lbs.	50.00

Delivered prepaid anywhere in U.S.A. when cash accompanies order.

"AUGUST 15 TO OCTOBER 1 IS THE BEST TIME OF THE YEAR TO RENOVATE OR MAKE A NEW LAWN"

Stumpp & Walter Co.'s Grass Seed Mixtures and Stolons

We prepay delivery charges on seeds when cash accompanies your order

For Lawns

	Lb.	2½ lbs.	5 lbs.	12½ lbs.	25 lbs.	100 lbs.
Staigreen Lawn Seed. "Best on Earth"	$0 60	$1 45	$2 85	$6 75	$13 00	$50 00
All-Bent Lawn Formula. For lawns of the finest texture and for bowling-greens	1 25	3 00	5 75	13 50	26 00	100 00
	Lb.	**2½ lbs.**	**5 lbs.**	**10 lbs.**	**20 lbs.**	**100 lbs.**
Shady Place Formula. For lawns under trees	$0 70	$1 65	$3 25	$6 00	$11 00	$52 50
Terrace Sod Formula. For terraces, hillsides and embankments	70	1 65	3 25	6 00	11 50	55 00
	Qt.	**4 qts.**	**8 qts.**	**½ bus.**	**Bus.**	**5 bus.**
Seashore Formula. For lawns subject to the influence of salt spray. (22 lbs. to bus.)	$0 45	$1 50	$2 75	$4 75	$9 00	$42 50
High-Grade Lawn Seed. For parks, college grounds and other large areas. (22 lbs. to bus.).	40	1 35	2 65	4 50	8 50	40 00
Southern Formula. For lawns in the South	45	1 50	2 75	4 75	9 00	42 50

For Lawn Tennis

	Lb.	2½ lbs.	5 lbs.	12½ lbs.	25 lbs.	100 lbs.
West Side Formula. For tennis and croquet	$0 75	$1 75	$3 50	$8 00	$15 50	$60 00

For Air-Ports and Race Tracks

Air-Port Formula. A formula of exceedingly tough, deep-rooting, soil-binding grasses for landing-fields and runways. $40 per 100 lbs.

Race Track Formula. A special blend of grasses. $30 per 100 lbs.

For Athletic Fields

	Lb.	2½ lbs.	5 lbs.	12½ lbs.	25 lbs.	100 lbs.
Hurlingham Sports Formula. A tough grass for athletic sports, polo, baseball, football	$0 65	$1 55	$3 00	$7 00	$13 00	$47 50

For Golf

	Lb.	5 lbs.	25 lbs.	100 lbs.
Standard Putting-Green Formula. For dry, light soils	$0 95	$4 50	$18 50	$70 00
Special Putting-Green Bent Formula. For well-prepared, rich soils	1 10	5 00	22 50	85 00
Fairgreen Formula (with Bent). Superfine Quality	65	3 00	13 50	50 00
Fairgreen Formula. Fine Quality	50	2 25	10 00	35 00
Special Divot Formula. Always keep a bag in stock	65	3 00	13 50	50 00
Special Formula for Tees	60	2 75	12 50	45 00
Special Rough Formula	50	2 00	9 00	30 00
Mixed Fescues for Bunkers	70	3 25	14 00	50 00

Creeping Bent Stolons, Washington or Metropolitan Strain. 5 square feet $2, 100 square feet $25. Purchaser pays transportation on stolons.

QUANTITY OF GRASS SEEDS TO ORDER

House Lawns: One lb. per 400 sq. ft. or 100 lbs. per acre; 2 qts. per 400 sq. ft. or 5 bus. per acre. Double this quantity for quick results.

Tennis: Twenty-five lbs. to 50 lbs. per court; the smaller quantity for a regulation court, the larger quantity for a "full size" court.

Athletic Fields: Two hundred lbs. per acre.

Golf: Putting-green, average, 75 lbs.; fairway 200 lbs. per acre; average tee 25 lbs. Use one-half the above quantities for renovating old turf.

One pound of grass seed measures, approximately, 1⅓ quarts; one quart weighs about ¾ pound

"FOR BEST RESULTS SOW GRASS SEED IN LATE SUMMER AND EARLY FALL"

At the Westchester Country Club, N. Y. Stumpp & Walter Seeds used

Stumpp & Walter Co.'s

Grass Seeds for Golf Courses, Polo Fields Air-Ports, Lawns Etc.

18th Green, New Course, Salisbury Golf Club. Stumpp & Walter Seeds used

Fresh Meadow C. C., during Open Championship. Stumpp & Walter Seeds used

Putting-Green Seeds

Standard Putting-Green Mixture. 95 cts. per lb., $4.50 for 5 lbs., $18.50 for 25 lbs., $70 per 100 lbs.

Putting-Green Bent Formula. $1.10 per lb., $5 for 5 lbs., $22.50 for 25 lbs., $85 per 100 lbs.

Fair-Green Seeds

Fair-Green Mixture, "Fine." 50 cts. per lb., $2.25 for 5 lbs., $10 for 25 lbs., $35 per 100 lbs.

"Superfine." 65 cts. per lb., $3 for 5 lbs., $13.50 for 25 lbs., $50 per 100 lbs.

Tees

Special Mixture for Tees. 60 cts. per lb., $2.75 for 5 lbs., $12.50 for 25 lbs., $45 per 100 lbs.

For other Special Mixtures for Golf Courses, Polo Fields, or Air-Ports, refer to our "Golf Turf" or Spring Catalogue, and page 40.

Meadow Brook Club during International Match. Stumpp & Walter Seeds used

GENERAL LIST OF VARIETIES

PRICES SUBJECT TO MARKET CHANGES

Agrostis Varieties or Bents

	Wt. per bus. lbs.	Lb.	10 lbs.	100 lbs.
Creeping Bent, South German (*Agrostis species; Fiorin; Mixed Bents*). Superfine quality	24	$1 65	$15 00	$135 00
Fine quality	18	1 45	13 00	115 00
Seaside Bent (Coos Co. Strain). (*A. palustris; A. maritima*)	36	1 75	16 50	150 00
"Triple A" Bent (*A. capillaris*)	32	1 70	16 00	145 00
Colonial Bent (*Agrostis tenuis; A. vulgaris*). Superfine quality	32	1 45	13 00	115 00
Rhode Island or Colonial Bent Washington grown (*A. tenuis*)	32	1 55	14 50	125 00
Velvet Bent "Sawco Strain."		Price on application		
Redtop (*Agrostis alba*). Superfine quality	36	45	4 00	30 00
Recleaned quality	32	35	3 00	22 50
Unhulled quality	18	30	2 00	12 50

Poa Varieties or Meadow Grasses

Canadian Blue Grass (*Poa compressa*)	24	45	3 50	27 50
Kentucky Blue Grass (*Poa pratensis; June Grass*). Superfine quality	30	55	4 50	37 50
Fine quality	23	45	3 50	27 50
Rough-stalked Meadow Grass (*Poa trivialis*)	26	55	5 00	40 00
Wood Meadow Grass (*Poa nemoralis*)	20	85	8 00	70 00

Festuca Varieties or Fescues

Hard Fescue (*Festuca duriuscula*)	20	45	3 75	30 00
Red Fescue, Chewing's N. Z. (*Festuca rubra*)	30	55	4 75	40 00
Red Fescue, European	27	50	4 25	35 00
Sheep's Fescue (*Festuca ovina*)	20	45	3 50	27 50
Fine-leaved Sheep's Fescue (*Festuca ovina angustifolia; F. capillata; F. tenuifolia*)	22	65	6 00	50 00
Various-leaved Fescue (*Festuca heterophylla*)	15	80	7 00	60 00
Meadow Fescue (*Festuca pratensis*)	27	35	3 00	20 00

Lolium Varieties or Rye Grasses

	Wt. per bus. lbs.	Lb.	10 lbs.	100 lbs.
English Rye Grass (*Lolium perenne*)	28	$0 35	$3 00	$20 00
Pacey's Perennial Rye Grass (*Lolium perenne Pacey*)	30	35	3 00	22 50
Italian Rye Grass (*Lolium italicum; L. multiflorum*)	22	30	2 75	18 00
Domestic Rye Grass	25	30	2 25	13 50

Sundry Varieties

Bermuda Grass (*Cynodon Dactylon; Capriola Dactylon*)	36	45	4 00	30 00
Carpet Grass (*Axonopus compressus*)		45	4 00	30 00
Crested Dog's-tail (*Cynosurus cristatus*)	30	55	5 00	40 00
Meadow Foxtail (*Alopecurus pratensis*)	10	1 00	9 50	85 00
Orchard Grass (*Dactylis glomerata; Cocksfoot*)	14	40	3 50	25 00
Poa Bulbosa (Bulbous Blue Grass)		1 10	10 50	95 00
Sweet Vernal (*Anthoxanthum odoratum*)	10	1 50	13 50	125 00
Tall Oat Grass (*Avena elatior; Arrhenatherum clatius*)	14	45	4 00	35 00
Timothy (*Phleum pratense; Herd's Grass*)	45	25	2 00	13 50
Yarrow (*Achillea millefolium*)		1 50	13 50	

Quantity of Mixed Seeds to Sow

For Golf. Average putting-green, 50 pounds; fairway, 200 pounds per acre.

For Lawns. Conditions generally less exacting and a smaller quantity ordinarily will suffice. Use 1 pound per 400 square feet (20 x 20 ft.) or 100 pounds per acre. *Double quantity for quick results.* Lawns sown in early fall will produce a turf that will better withstand summer drought.

Use one-half above quantities for renovating existing turf.

SEASONABLE FARM SEEDS

Prices f.o.b. Boat or Railroad, New York, and are subject to market changes

Finest Recleaned Seeds. Newest Crop
Remachined Specially for Elimination of Weed Seeds

CLOVERS, VETCH, ETC.

Crimson Clover. Used principally for soiling or green manuring. Valuable for restoring worn-out soils. Sow 20 lbs. to acre. Lb. 35 cts., 10 lbs. $2.50, 100 lbs. $15.

Alsike or **Swedish** (*Trifolium hybridum*). Hardiest of all Clovers, and on rich, moist soil yields an enormous quantity of hay or pasture. Lasts many years. Sow 10 lbs. per acre when used alone. Lb. 50 cts., 10 lbs. $4, 100 lbs. $30.

Red Clover, Medium (*Trifolium pratense*). Medium Clover, The leading variety of Clover for pastures or meadows. Sow 20 pounds per acre alone, or 15 pounds where other grass or hay crops are standing. *Hardy American-grown seed.* Lb. 50 cts., 10 lbs. $4, 100 lbs. $32.50.

White Dutch Clover (*Trifolium repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season. Lb. 70 cts., 10 lbs. $6, 100 lbs. $55.

Northern-grown Alfalfa. For hay or forage. After the first year it can usually be cut three or four times in one season. Broadcast 30 lbs. to acre or 25 lbs. if drilled. *Our seed is hardy domestic-grown.* Lb. 50 cts., 10 lbs. $4, 100 lbs. $30.

Grimm Alfalfa. It is much hardier than ordinary kinds, enduring extremely low temperatures. May be cut with safety late in fall. A heavy yielder. Lb. 65 cts., 10 lbs. $5.50, 100 lbs. $45.

DWARF ESSEX RAPE

Valuable as a fattening food for pasturing sheep in autumn. It is particularly adapted as a "catch crop." Sow 10 to 12 lbs. to an acre broadcast, 4 to 5 lbs. in drills. Lb. 25 cts., 10 lbs. $1.50, 100 lbs. $10.

WINTER SEED WHEAT AND RYE

Grown specially for seed purposes

Leap's Prolific Wheat (Beardless). It stools out strongly and roots deeply, each grain producing a great bunch of stalks. A large, dark red, hard Wheat which, while being a heavy yielder, is not weak in color or soft. Its heads are large; the chaff beautiful white. The glumes are close together on the head and so well closed that Wheat does not shatter badly in handling. Straw long, stiff. Leap's ripens early. Sow 1½ bus. per acre. Peck $1, bus. $2.75, 10 bus. $25.

Lancaster Fulcaster Wheat (Bearded). Grain large, hard, long berry type, plump, dark red. A popular bearded Wheat. Sow 1¾ bus. to acre. Peck $1, bus. $3, 10 bus. $27.50.

Certified Rosen Rye. Introduced by the Michigan Experiment Station. A great yielding variety. Rosen has the "big head" and is "full." Vigorous grower on all soils.

Certified Seed (seed that must pass a rigid test in the field and after harvesting). Peck $1.25, bus. $3.75, 10 bus. $35.

Choice Rosen. Pure seed-stock. Peck $1, bus. $2.50, 10 bus. $22.50.

Mammoth White Winter Rye. Heads average 6 to 8 inches in length and are filled with large, plump, heavy grains. The straw is giant in length and strength. Of special value for cover-crop. Peck 85 cts., bus. $2.25, 10 bus. $20.

WINTER VETCH (*Vicia villosa*)

True Sand or Hairy Vetch

Extensively used as a soil-renovator or for dry or green feed in the early spring. It may be sown alone or with winter rye or oats. When sown with rye, etc., use ½ bus. to an acre, or 1 bus. if sown alone. Lb. 35 cts., 10 lbs. $2.75, 100 lbs. $20.

Grass for Hay or Permanent Pasture

Timothy, Red-Top, and Red Clover have long formed the standard hay and pasture mixture for use on the American farm. It is not an ideal combination, but is inexpensive and we offer it under the heading of **Timothy-Red-Top-Clover Formula.** Where large yield and high quality are looked for, we recommend that a much wider variety than this be sown, using in addition to the above such types as Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island Bent, Fiorin or German Bent, Seaside Bent, Sweet-scented Vernal, Meadow Fescue, the Rye Grasses, the Blue Grasses, Oat Grass, Red, Mammoth, White, Wild White and Alsike Clovers; each of these is suited especially to certain kinds of soil and climatic conditions; some do well on high ground, others prefer plenty of moisture. It is advisable that these be selected in proper proportions, suitable to the soil conditions and for the purpose required.

CLOVER AND GRASS FORMULA. For high quality hay or pasture. Includes a wide range of both grasses and clovers. Use 50 lbs. per acre when sowing new land. Lb. 50 cts., postpaid 60 cts.; 10 lbs. $4.50, 100 lbs. $35.

ALL-GRASS FORMULA. For high quality hay or pasture. Grasses only—no clovers. Use 75 lbs. per acre when sowing new land. Lb. 45 cts., postpaid 55 cts.; 10 lbs. $4, 100 lbs. $30.

ALL-CLOVER FORMULA. For pasture. Use 25 lbs. per acre when sowing new land. Lb. 60 cts., postpaid 70 cts.; 10 lbs. $5.50, 100 lbs. $45.

TIMOTHY-RED-TOP-CLOVER FORMULA. For hay and pasture at low cost. Use 40 lbs. per acre when sowing new land. Lb. 35 cts., postpaid 45 cts.; 10 lbs. $3, 100 lbs. $20.

For renovating existing fields, use one-half the above quantities

IMPORTANT. When ordering these seeds, tell us whether the field is to be used for hay or pasture, or both; please also describe the nature of your soil

MISCELLANEOUS GARDEN SUPPLIES

BARROWS, S. & W. Co.'s Garden

	Each
Medium Size	$8 50
Regular Size	9 50

BASKETS, Irrigating Hanging

10 in. square, 7¼ in. deep	2 00
12 in. square, 8¼ in. deep	2 50
14 in. square, 10¼ in. deep	3 00

BOXES, Flower. Mist Green, Cardboard.

	Doz.	100
No. 1. 18 x 5 x 3 in.	$1 00	$6 00
No. 2. 21 x 5 x 3 in.	1 20	7 00
No. 3. 24 x 8 x 4 in.	1 75	10 50
No. 4. 28 x 8 x 5 in.	2 25	13 00
No. 5. 36 x 8 x 5 in.	2 50	16 00

Flower, Corrugated Cardboard

No. A 20 x 7 x 4 in.	2 25	13 00
No. B 28 x 8 x 5 in.	3 00	17 25
No. C 30 x 12 x 6 in.	3 75	21 50
No. D 36 x 14 x 8 in.	4 75	28 00
No. E 48 x 14 x 8 in.	5 75	33 25
No. F 36 x 12 x 6 in.	4 00	24 00

Irrigating Flower

	Each
24 x 8½ x 6¼ in. deep	$1 75
30 x 8½ x 6¼ in. deep	2 25
36 x 8½ x 6¼ in. deep	3 00
42 x 8½ x 6¼ in. deep	3 75
48 x 8½ x 6¼ in. deep	4 25

BURLAP. For protecting plants.

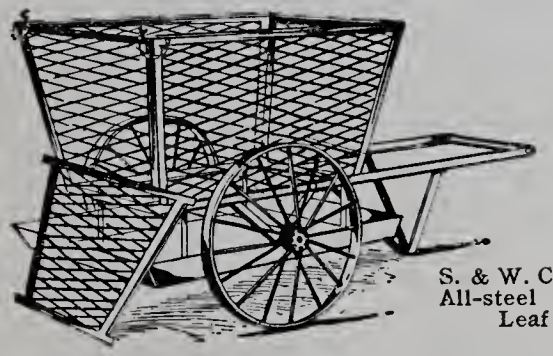
Natural color in bolts of approximately 100 yards.

	Per yd.
36 in.	$0 10
48 in.	12
60 in.	15

In lots of 500 yds. or more deduct 3 cts. per yard from above prices.

Green color in bolts of 50 yards.

35 in.	25
48 in.	35



S. & W. Co'.s Portable All-steel Refuse and Leaf Burner

BURNERS. For leaves, paper, and rubbish.

No.	Square	Height	Each
1	15 in.	22 in.	$3 00
2	17 in.	29 in.	4 00

Portable, S. & W. Co.'s All-Steel Refuse and Leaf

No.	Capacity	
1	16 cu. ft.	48 00
2	11 cu. ft.	43 00
3	5 cu. ft.	38 00

COVERS, Waterproof Green Flower-pot. To fit 4-, 5-, and 6-in. standard clay pots.

	12	25	100
4 in.	$0 50	$0 90	$3 25
5 in.	60	1 10	3 75
6 in.	70	1 30	4 25

DIBBLES or DIBBERS

Brass Point and Wood Handle	$1 25
Steel Point and Wood Handle, regular size, 9¾ in.	1 00
Small size, 8 in.	90
All-Iron, 9¾ in.	90

FRAMES, Hotbed. Frames are made for 2, 3, 4, and 5 sash.

No. 2. With two 3 x 6 ft. sash $32, without sash $16.
No. 3. With three 3 x 6 ft. sash $45, without sash $21.
No. 4. With four 3 x 6 ft. sash $58, without sash $26.
No. 5. With five 3 x 6 ft. sash $72.50, without sash $32.50.

PACKING charged extra on crates containing Glazed Sash, $1.25 per crate. Crates hold up to 4 Sash.

Half-width Frame. 3 x 3 ft. Frame, complete with glazed sash, $15; without sash, $8.50, packing extra.

GLAZING MATERIALS

Permanite. Gal. $2.50, 5 gals. $12, 15 gals. $33.75, 35 gals. $73.50, 60 gals. $120.

Permanite Gun. $7.50.

Mastica. Gal. $2.50, 5 gals. $12.

Mastica Gun. $3.

Putty Bulb, Scollay. $1.50.

Glazing Points, Van Reyper's. Box of 1,000, 75 cts.; 5,000 for $3.25. Pliers for same, 75 cts.

Putty Knife. 50 cts. each.

Greenhouse Shading. Gal. $3.25, 5 gals. $13.75.

Greenhouse Aluminum Paint. Gal. $3.75, 5 gals. $15.

Budding and Pruning Knives

5 3 1 — Pruning Knives
A B C Kunde's — Budding Knives

KNIVES, Pruning:

	Each
No. 1. Strong pruning blade; cocoa handle	$1 50
No. 3. Pruning and budding blades; patent stag handle	2 75
No. 5. Two high-quality pruning blades with cocoa handle.	3 25

Budding:

No. A. Two blades with ivory handle	3 50
No. B. Budding blade with ivory budder, black rubber handle	2 00
No. C. Two strong budding blades with bone handle	2 50
Kunde One-blade Budder. Wooden handle	2 00
Kunde Budder and Pruner. 2 blades, polished wooden handle	3 00

Labels, Etc.

Labels, Wooden, Painted—

	100	1,000		100	1,000
4 in.	$0 35	$2 25	8 in.	$1 10	$8 00
4½ in.	40	2 50	10 in.	1 40	11 00
5 in.	45	2 75	12 in.	1 50	13 00
6 in.	50	3 25			

Labels, Copper-wired—

3½ in.	50	3 25

Label Pencils. For writing on wooden labels. 10 cts. each, $1 per doz.

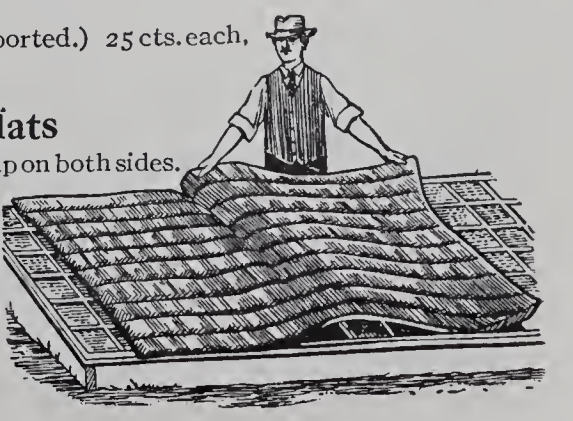
X-L-All Pencil. (Imported.) 25 cts. each, $2.50 per doz.

Hotbed Mats

No. 1. 40 x 76 in. Burlap on both sides. $2.65 each, $29 per doz.

No. 2. 76 x 76 in. Burlap on both sides. $3.75 each, $41 per doz.

Sawco Waterproof Burlap. 40 x 78 in. $2.50 each, $25 per doz. 78 x 80 in. $4.75 each, $50 per doz.



MISCELLANEOUS GARDEN SUPPLIES

PANS, Bulb. Earthenware.

Diam. at top	Each	Doz.	100	Diam. at top	Each	Doz.	100
6 in.	$0 15	$1 50	$10 00	9 in.	$0 50	$5 00	$40 00
7 in.	25	2 50	15 00	10 in.	70	7 00	50 00
8 in.	30	3 00	22 00	12 in.	1 25	12 50	90 00

Square Seed. Earthenware.

Size	Each	Doz.	Size	Each	Doz.
6 x 6 in.	$1 10	$13 20	10 x 10 in.	$1 75	$19 25
8 x 8 in.	1 40	15 40	12 x 12 in.	2 20	24 20

PAPER, Wax. 18 x 24 in. Ream $1 75
24 x 36 in. Ream 3 25
Tissue. 24 x 36 in. Ream 2 50
Manila. 24 x 36 in. Ream 4 50
Wrapping. In rolls: Widths 24 in., 30 in., 36 in. Weight approximately 50 lbs. Kraft or Manila, lb. 14 cts.

PERFORATOR, Sod. For renovating bare spots in lawns. 10 x 12 in., $4.50 each.

POTS, Standard Flower. Earthenware. Best on the market.

Diam.	Each	Doz.	100	1,000
2 in.		$0 25	$1 50	$12 00
2½ in.		30	1 75	15 00
3 in.		40	2 50	20 00
4 in.		60	4 00	30 00
5 in.	$0 10	1 10	7 00	55 00
6 in.	15	1 60	10 00	82 00
7 in.	25	2 60	16 00	130 00
8 in.	35	3 20	20 00	180 00

On orders of 50 pots or more we make shipment direct from factory to customer.

Azalea

Diam.	Each	Doz.	100	Diam.	Each	Doz.	100
6 in.	$0 15	$1 50	$10 00	9 in.	$0 50	$5 00	$40 00
7 in.	25	2 50	15 00	10 in.	70	7 00	50 00
8 in.	30	3 00	22 00				

Neponset Paper Flower

Diam.	Doz.	100	1,000	Diam.	Doz.	100	1,000
2¼ in.	$0 10	$0 65	$4 50	4 in.	$0 30	$1 75	$11 25
2½ in.	15	70	5 00	5 in.	40	2 50	17 50
3 in.	20	85	7 25	6 in.	50	3 00	22 00
3½ in.	25	1 20	9 00				

Watering. Heavy galvanized iron, reinforced. Each pot has a long spout, with one fine and one coarse rose.

Round Pattern

6 qt.	$4 75	10 qt.	$5 50
8 qt.	5 25	12 qt.	6 00

Pots, Watering, French Oval Pattern

6 qt.	$5 50	10 qt.	$6 00
8 qt.	5 75	12 qt.	6 75

Haw's Pattern

2 qt.	5 00	6 qt.	7 00
3 qt.	6 00	8 qt.	8 00
4 qt.	6 50		

RAKES, Wood Hay and Lawn. Made especially for us with an extra-heavy head to give double service.

	Each	Doz.
14-tooth, Hay	$1 20	$12 00
24-tooth, Lawn	1 50	15 00

Japanese Bamboo. Fitted with polished wooden handle. Cleans the turf as gently as the human hand.

	Each	Doz.
Best quality	$1 10	$11 00
Jumbo size	1 60	16 00

SASH, Hotbed, Single Light. 3 x 6 ft., $8 each, $90 per doz.
Double Light. 3 x 6 ft., $14.50 each, $165 per doz.
PACKING charged extra on crates containing glazed Sash, $1.25 per crate. Crates hold up to 4 Sash.

SAUCERS, Earthenware

Diam.	Each	Doz.	100	Diam.	Each	Doz.	100
4 in.	$0 05	$0 40	$3 00	7 in.	$0 10	$0 90	$7 25
5 in.	05	50	3 80	8 in.	15	1 40	10 60
6 in.	10	70	5 50	9 in.	20	1 90	14 50

Fibreware, Waterproof. Order saucer 2 inches larger than the bottom diameter of pot.

Diam. inside	Each	Doz.	Diam. intside	Each	Doz.
4½ in.	$0 45	$4 80	10¼ in.	$0 90	$9 00
5½ in.	55	5 40	12½ in.	1 35	13 80
7¼ in.	60	5 80	14½ in.	1 65	16 80
8½ in.	65	6 60	16 in.	1 90	19 20

SAWS, Pruning
Single-Edge. 18 in., $1.75; 20 in., $2.
Double-Edge. 16 in., $1.50; 18 in., $1.75; 20 in., $2.
Paragon. 18 in., $2.25; 20 in., $2.50.

SHEARS, Pruning
Rolcut. $2.
S. & W. Co.'s Solid Steel. 8 in., $3; 9 in., $3.25; 10 in., $3.50.

SPRAYS, Rubber Plant
Sawco. Straight neck, capacity 8 fluid ozs. $0 90
Crook neck, capacity 8 fluid ozs. 1 10
Scollay's. Capacity 12 fluid ozs. 1 35

STAKES and CANES
Plant Stakes, Green.

	Doz.	100		Doz.	100
1½ ft.	$0 35	$2 25	3½ ft.	$1 50	$9 75
2 ft.	60	4 00	4 ft.	1 60	11 00
2½ ft.	85	5 50	5 ft.	2 10	14 50
3 ft.	1 10	7 25			

Japanese Bamboo Canes. Dyed green.

	Doz.	100	1,000		Doz.	100	1,000
2 ft.	$0 20	$0 85	$6 80	4 ft.	$0 40	$1 50	$12 00
3 ft.	30	1 20	10 00	5 ft.	45	1 80	14 50

TAMPER, Iron Sod
8 x 8 in. (14 lbs.) $1 75
10 x 10 in. (18 lbs.) 2 50

THERMOMETERS
No. 5452, Self-Registering. Maximum and Minimum. 10 in., $7. Magnet with each.
No. 5420. Spirit. 8 in., $1; 10 in., $1.25.
No. 5154S. Spirit. 8 in., 85 cts.
No. 5981. Hotbed. (Mercury.) $3.

TROWELS, Slim Jim. Excellent for setting bulbs.
5 in. $0 20
7 in. 30
Florists' Steel. Made in one piece of heavy sheet steel. 6 in., 50 cts. each.
Stumpwall. The best-made Trowel. The ferrule and shank, as well as the blade, are forged in one piece. 6 in., $1 each.

TWINES, Soft. For tying vines, etc; very strong, 2 and 3-ply. Ball 25 cts., 3 balls 60 cts., 12 balls $2.25.
Raffia, Natural. For tying plants. ½lb. 30 cts., lb. 50 cts., 5 lbs. $2.
Colored. All standard shades. ½lb. 50 cts., lb. 90 cts.

TUBS, Barclay Tree. Made of seasoned, selected Virginia white cedar; bound with electric welded wire hoops (galvanized), three hoops to each, except the two smallest tubs which have two.

No.	Inside Top diam.	Inside Depth	Price Each
1	6 in.	6 in.	$0 70
2	7 in.	7 in.	75
3	8 in.	8 in.	80
4	9 in.	9 in.	90
5	10 in.	10 in.	1 20
6	11 in.	10 in.	1 40
7	12 in.	11 in.	1 60
8	13 in.	12 in.	2 00
9	14 in.	13 in.	2 50
10	15 in.	14 in.	3 00

New York Cedar Plant. Made of the choicest seasoned, selected Virginia white cedar. These tubs are painted both inside and out with best oil paints, and the hoops and castings are trimmed in a jet-black paint.

No.	Diam.	Height	Price
1	12 in.	10½ in.	$2 50
2	13 in.	13 in.	3 50
3	14½ in.	15 in.	4 25
3½	16½ in.	15¼ in.	5 50
4	19½ in.	17 in.	6 00
5	22½ in.	18½ in.	7 50

VASES, Flower. Galvanized Iron. Painted green.

No.	Height	Top diam.	Each	Doz.
1	10 in.	4¾ in.	$0 75	$7 50
2	12 in.	6½ in.	90	9 00
3	13½ in.	6½ in.	1 10	11 00
4	15 in.	6½ in.	1 25	12 50
5	17 in.	6½ in.	1 50	15 00

Fibreware. Deep shade of mahogany color. Waterproof.

No.	Depth	Diam.	Each	Doz.
1	10 in.	6 in.	$1 70	$17 00
33	12 in.	4¾ in.	1 80	18 00
44	8¾ in.	3½ in.	1 25	12 60
22	15 in.	4½ in.	2 60	26 00
11	18 in.	6 in.	3 00	30 00

REMEDIES FOR INSECTS AND FUNGUS

NOTE: *Most insecticides being of a poisonous nature cannot be sent by parcel post. All shipments are made at purchaser's expense*

Ant-Killer Dolco Powder—Non-Poisonous—Deadly. Will not harm human beings or animal pets and livestock. Scientifically perfect, it acts slowly; many ants partake of it before they learn of its nature. 3-oz. can 30 cts., lb. $1.

Aphine. Effective against all soft-bodied and plant-sucking insects, such as green, black, and white fly, red spider, thrips, mealy bug, brown and white scale. Qt. $1, gal. $3.

Arsenate of Lead, Powder. Better than Paris green, does not burn the foliage, goes twice as far, and is easier to handle. Stir in 1 pound to 50 gallons of water. ½lb. 25 cts., lb. 50 cts., 5 lbs. $1.75, 10 lbs. $3, 25 lbs. $6.25, 100 lbs. $18.

Black Leaf 40. 40 % nicotine. A concentrated solution of nicotine sulphate and an excellent spray for aphis and sucking insccts of all kinds. Oz. 35 cts., 5 ozs. $1, lb. $2.25, 2 lbs. $3.35, 5 lbs. $6.25, 10 lbs. $10.75.

Bordeaux Mixture, Dry Powder. The recognized fungicide for the control of most fungous diseases of fruits and ground crops. Stir in 4 to 4½ pounds to 50 gallons of water. ½lb. 25 cts., lb. 40 cts., 5 lbs. $1.50, 10 lbs. $2.75, 25 lbs. $5.75, 50 lbs. $10, 100 lbs. $18.

Carbon Bisulphide (Ant Destroyer). Poisonous and explosive. Keep away from all flames and your nose. For ants in walks, pour a little Bisulphide on each nest; in lawns and gardens, insert the Stumpp & Walter Funnel and Skewer at intervals of 10 inches and pour a tablespoonful in each hole. Can 75 cts. Funnel and Skewer for using Carbon Bisulphide, $2.50.

Cyanogas (A) Dust. For outside use in killing rats, moles, woodchucks, gophers, and ground squirrels. ½lb. 45 cts., lb. 75 cts., 5 lbs. $3, 25 lbs. $10, 100 lbs. $30. Gun for applying same, $1.25.

Cyanogas (G) Fumigant. For greenhouse, mushroom, and soil-fumigation. Scatter over the greenhouse walks and close the house for the night. 5 lbs. $3, 25 lbs. $10, 100 lbs. $30.

Fish-Oil Soap. For mild forms of scale. An excellent summer spray when something stronger cannot be used, where the San José scale exists. It is good for washing off lemon trees, oleanders and almost anything that would be infested with a soft-shelled or in fact almost any kind of insect. Lb. 30 cts., 5 lbs. $1.25, 25 lbs. $4, 100 lbs. $13.

Fungine. An infallible remedy for mildew, rust, wilt, bench-rot, and other blights affecting flowers, fruits, and vegetables. Does not stain foliage. Qt. $1, gal. $3.

Fungtrogen. Fungicide and stimulant. A liquid spray for the control of mildew and black-spot. Highly concentrated fungicide invisible on the foliage or blooms. ½pt. 75 cts., qt. $2, gal. $6.

Hortex. A superior sulphur-arsenate-nicotine dust testing 2 per cent pure nicotine. This all-in-one mixture is used for the control of many fungous diseases, chewing insects, and sucking insects. Lb. can 50 cts., 5-lb. can $2, 10-lb. can $3.50.

Lime-Sulphur, Concentrated. For destroying San José scale. One gallon makes ten gallons of spray; dilute with cold water. Qt. 50 cts., 1-gal. can $1.25, 5-gal. can $4, half-barrel (about 25 gals.) $10.50, barrel (50 gals.) $15.

Lime-Sulphur, Dry. A very effective dormant spray for fruit and shade trees. Lb. 40 cts., 5 lbs. $1.75, 10 lbs. $3.25, 25 lbs. $6.

Mo Lo. Clears a lawn of moles and field-mice in a few nights. Punch a hole in the top of the run, drop in one pellet and cover lightly; repeat every 8 feet. Mo Lo is poisonous—wear gloves. Pkg. 25 cts., lb. (1,250 tablets) $18.

Nico-Fume Liquid. This preparation is a free nicotine preparation, and is used by many of the leading growers. 1-lb. can $2, 4-lb. can (½gal.) $5.85, 8 lbs. (1 gal.) $10.85, 40-lb. drum $52.50.

Nico-Fume Paper. This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. It is also used for tying near blooms of chrysanthemums in early fall to keep down insects. Preferred by many who do not wish to spray or vaporize. Box of of 24 sheets $1.25, box of 144 sheets $4.75, box of 288 sheets $8.25.

Nico-Fume Tobacco Powder. For fumigating the greenhouse and conservatory. Lb. $1, 5 lbs. $3.50, 10 lbs. $6.15.

Nu-Green. Very effective for preventing and controlling brown-patch in lawns. Kills the brown-patch fungi and has the added property of quickly restoring the diseased grass to its normal healthy condition. 3-oz. tin 50 cts., 1-lb. tin $2, 5-lb. tin $9, 25-lb. tin $33.75, 100-lb. drum $130.

Para-Dichlorobenzene. Highly recommended for destroying the peach borers in trees four years and older. During September a ring of the crystals is placed on the soil around the trunk and covered by mounding the earth against the tree. One ounce is sufficient for each tree. Lb. 75 cts., 5 lbs. $2.75, 10 lbs. $5.

Paris Green. ¼lb. 15c., ½lb. 30c., lb. 55c., 5 lbs. $2.50, 14 lbs. $5.

Pomo-Green with Nicotine. The leaf-green, all-in-one dust or spray for external leaf-eating insects and many plant-diseases, also sucking insects such as aphis, etc. Lb. 75 cts., 5 lbs. $3. **Without Nicotine** for external chewing insects, black-spot, mildew and rust. Lb. 50 cts., 5 lbs. $1.75, 25 lbs. $8.

Purfeck Chickweed Eliminator. When properly applied, kills only the chickweed and does not injure the grass. Mix with water and spray the solution over the turf. Do not spray in hot weather. Early spring or late fall will give best results. Qt. 75 cts., gal. $2, 5 gals. $9, 10 gals. $17, 50 gals. $60.

Pyrox. Kills all leaf-eating insects and prevents blight and all fungous troubles, without injury. Lb. 50 cts., 5 lbs. $1.75, 10 lbs. $3, 25 lbs. $6.25, 50 lbs. $10.75, 100 lbs. $15.50, 300 lbs. $43.50. **With Nicotine.** In addition to being recommended for all the above, it is also very effective against sucking insects such as aphis, etc. 10-oz. jar 50 cts., 40-oz. $1.75, 10 lbs. $4.50.

Red Arrow Insect Spray. Absolutely non-poisonous to children or pets but deadly to insects. Will positively not burn, blight, or stain the tenderest leaf or flower. A contact spray fatal to both chewing and sucking insects. Oz. 35 cts., 3½ ozs. $1, ½pt. $1.75, pt. $3.25, qt. $6, gal. $20.

Scalecide. Used for the destruction of the San José scale. Dilute at the rate of one gallon to twenty gallons of water. Trees may be sprayed in winter and early spring before they start to come to bud. Qt. 70 cts., gal. $1.60, 5 gals. $6, 10 gals. $10, 15 gals. $13.50, 30-gal. bbl. $22.50, 50-gal. bbl. $28.

Semesan. A mercuric disinfectant. A remedy for the malignant grass disease called "brown-patch." Also used in the treatment of seeds, bulbs, and plants. Preserves seeds against rotting in soil and generally speeds and increases germination. 2 ozs. 50 cts., lb. $2.75, 5 lbs. $13, 25 lbs. $51.25, 100 lbs. $200.

Senoled. A compound of lead arsenate for grub-proofing lawns and gardens. Will destroy Japanese beetles, wireworms, cutworms, maggots, and earthworms. Discourages crab grass and other weeds in lawn. This preparation also contains colloidal phosphate, the properties of which tend to hold lead arsenate in the soil and delay its loss through leaching, and, in addition, feeds the growing plants. Lb. 35 cts., 5 lbs. $1.50, 25 lbs. $3, 100 lbs. $8, 500 lbs. $35, ton $125.

Snarol. The National Pest Control. Snarol is a meal, ready for immediate use. For cutworms, slugs, snails, sowbugs, earwigs, and grasshoppers. Not injurious to plants or other vegetation and is not soluble in water. Lb. 30 cts., 3 lbs. 75 cts., 15 lbs. $3, 50 lbs. $8.

Sofyne Liquid Soap. Recommended to be used with Black Leaf 40, Red Arrow, and Ever Green. Acts as a spreader and increases killing power of spray. Sofyne Soap immediately emulsifies when mixed with water. Will not clog sprayer. 5-oz. bottle 20 cts., qt. 50 cts., gal. $1.50, 5 gals. $6, 10 gals. $10.

Styptic. To prevent bleeding of vines after pruning. Bottle $2.

Sulphur. Used principally in greenhouses for checking mildew. Lb. 25 cts., 5 lbs. $1, 25 lbs. $3.50, 100 lbs. $12.

Thrip Juice (Hammond's). Very effective against aphis, red spider, mealy bug, etc. Qt. $1.35, gal. $4.80.

Tobacco Dust (Kilmdead). Best of the Tobacco Dusts for dusting or fumigating. Lb. 25 cts., 5 lbs. 75 cts., 25 lbs. $2, 100 lbs. $6.

Tobacco Stems. Used for fumigating and for placing under benches in greenhouses. Bale of 100 lbs. $4.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Lb. 60 cts., 5-lb. can $2.75, 10-lb. can $5.25, 25 lbs. $11.

Tree Wound Paint. Prevents decay. A residuum, penetrating, antiseptic paint that is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops tree bleeding. Qt. 75 cts., gal. $2, 5 gals. $7.50.

Vermol. For earthworms in lawns, turf courts, and putting greens. Non-poisonous, harmless to birds and animal life. Sold in powder form. Apply at the rate of ½lb. per sq. yd. and flood greens immediately. Best results are obtained on warm damp days. 5 lbs. 75 cts., 25 lbs. $2.25, 100 lbs. $6.50, 500 lbs. $30, 1,000 lbs. $57.50, ton $110.

Volck. A spray for scale insects, mealy bugs, white flies, red spiders, rust mites, and similar insects. Qt. $1, gal. $3, 5 gals. $12, 14 gals. $25, 28 gals. $40.

Wilson's O. K. Plant Spray. For roses, chrysanthemums, evergreens, and all plants affected with scale or insects, under glass or outside. *Recommended for rose bugs.* ½pt. 40 cts., qt. $1, gal. $3, 5 gals. $12, 25-gal. bbl. $50, 50-gal. bbl. $90.

X-L-ALL Liquid Insecticide. Destroys mealy bug, scale, thrip, red spider, green and black fly, caterpillars, blight and all insect pests in the garden; it is perfectly safe to use on tender plants. Qt. $3, ½gal. $4.50, gal. $8.50.

Weed Killers

Herbicide. This weed killer may be applied by means of a sprinkling apparatus or watering can. It is harmless to stone, woodwork or shoes and is perfectly odorless. One thorough application will kill all weeds, as well as their roots. One gallon diluted 1 part to 40 parts of water is sufficient to cover 100 to 150 square yards of space. Qt. can 70 cts., gal. can $2, 5-gal. can $7.50, 10-gal. can $12.50, 30-gal. drum $30, 50-gal. bbl. $45.

Atlacide (Non-Poisonous, Powder). Exterminates all undesirable vegetation, including poison ivy, Canada thistle, etc., without danger of poisoning humans or animals. Apply as a dust only. Lb. 50 cts., 3½ lbs. $1.50, 15 lbs. $3.50, 50 lbs. $7, 100 lbs. $13.50.

Climax Lawn Sand. A combination of carefully dried and finely ground chemicals. Destroys weeds in lawns. 3½-lb. can 65 cts., 7-lb. can $1.25, 14-lb. can $2, 28-lb. pkg. $3.75, 56-lb. pkg. $7.25.

SAWCO SPECIAL PLANT-FOODS

When cash accompanies your order for fertilizers listed below, we prepay parcel post, express or freight, our option, to your station if within 100 miles of New York

Sawco Emerald Grass Fertilizer. For lawns and golf putting-greens. A well-balanced, organic chemical formula of the purest ingredients designed to feed only the finer grasses and keep them in a healthy condition. 5 lbs. 50 cts., 10 lbs. 90 cts., 25 lbs. $1.75, 50 lbs. $3.25, 100 lbs. $4.50, 500 lbs. $17.50, ton $60.

Sawco Rose Food. A plant-food and soil-disinfectant. Discourages and controls many root-pests that attack rose bushes and at the same time releases an abundance of plant-food to produce vigorous plants. 5 lbs. 50 cts., 10 lbs. 90 cts., 25 lbs. $1.75, 50 lbs. $3.25, 100 lbs. $4.50, 500 lbs. $17.50, ton $60.

Sawco Acidulous Fertilizer. A plant-food and soil-acidifier for rhododendrons, kalmias, azaleas, mountain laurel, blueberries, cranberries, and many other acid-loving plants. 5 lbs. 75 cts., 10 lbs. $1.25, 25 lbs. $2, 50 lbs. $3.75, 100 lbs. $5, 500 lbs. $22.50, ton $70.

Sawco Superior Tree Food. A highly concentrated, balanced fertilizer, strongly recommended for shade and fruit trees, evergreens and flowering shrubs. Lb. 25 cts., 5 lbs. $1, 25 lbs. $2.50, 50 lbs. $4.50, 100 lbs. $8.

Sawco General Garden Fertilizer. For vegetables, flowers, and fruits. Recommended strongly as the best for all-round work in the garden. 5 lbs. 50 cts., 10 lbs. 90 cts., 25 lbs. $1.75, 50 lbs. $3.25, 100 lbs. $4.50, 500 lbs. $17.50, ton $60.

Sawconure. A peat-moss, poultry-manure product with cattle manure added. A real soil-builder and conditioner. Use liberally. 100 lbs. $4.50, 500 lbs. $17.50, ton $50.

Sawco Dahlia Food. A well-balanced plant-food containing the best ingredients for producing healthy plants and the finest of blooms. 5 lbs. 50 cts., 10 lbs. 90 cts., 25 lbs. $1.75, 50 lbs. $3.25, 100 lbs. $4.50, 500 lbs. $17.50, ton $60.

General List of Fertilizers

Adco. A culture of bacteria associated with the breaking down of organic materials. Add it to garden rubbish, leaves and grass clippings to hasten decay and quickly produce manure. 25 lbs. $2, 150 lbs. $10.50.

Aluminum Sulphate. Makes soil acid, and for this purpose is much used in the culture of rhododendrons and similar plants. 5 lbs. 75 cts., 10 lbs. $1.25, 25 lbs. $2, 50 lbs. $3.75, 100 lbs. $6.

Ashes, Canada Hardwood. These furnish potash. One to two tons per acre may be harrowed into land in winter or early spring. May be broadcast between rows of corn, potatoes, beets, carrots, etc., 10 pounds per 100 feet. 100-lb. bag $3.50, bbl. (about 200 lbs.) $6, ton $45.

Blood, Dried. Adds nitrogen and a small amount of phosphoric acid and lime; much used for greenhouse plants, carnations, roses, and the like. 5 lbs. 75 cts., 10 lbs. $1.25, 25 lbs. $2, 50 lbs. $3.75, 100 lbs. $6, 500 lbs. $25, ton $75.

Bone Fertilizer. Fine and coarse. Quick to give results, yet the benefits are lasting. Highly recommended for garden use. 5 lbs. 50 cts., 10 lbs. 90 cts., 25 lbs. $1.50, 50 lbs. $2.75, 100 lbs. $4, 500 lbs. $15, ton $50.

Bone, Vineyard. These large particles of bone, averaging from ¼ to ½inch, make an ideal fertilizer for grape-vines and fruit trees. 25 lbs. $1.75, 50 lbs. $3.25, 100 lbs. $6, 500 lbs. $27.50, ton $75.

Capsulizer. Plant-food in capsule form. Immediately soluble and available. May be placed in the soil around plants in flower-pots and outdoors or dissolved in water for a liquid fertilizer. 25 capsules 25 cts., 100 capsules 75 cts., 1000 capsules $3.50.

Charcoal. Sweetens and lightens sour and heavy soils; helps to dry out wet land. Frequently used for lawns on soils of this character. 50 lbs. $2.50, 100 lbs. $4.50, 500 lbs. $20, ton $65.

Clay's Fertilizer. Has a splendid reputation for flowers, vegetables, and fruit. Two to 4 ounces to the square yard, raked into the soil around the plants. 7 lbs. $1.50, 14 lbs. $2.25, 28 lbs. $4, 56 lbs. $7, 112 lbs. $12.

Cottonseed Meal. Rich in nitrogen and potash; suitable for grain crops, but most largely used on lawns. Use ¾ to 1 ½ tons per acre. 100 lbs. $4.50, 500 lbs. $17.50, ton $60.

Floranid (Urea). The most highly concentrated nitrogenous fertilizer in commerce, contains 46 per cent of available nitrogen, and leaves no harmful residue in the soil. Lb. 25 cts., 5 lbs. 90 cts., 10 lbs. $1.50, 25 lbs. $2.75, 100 lbs. $9, 500 lbs. $42.50.

Gypsum or Land Plaster. Widely used as a dusting for the manure pile to fix and hold nitrogen. When applied to land it furnishes lime without giving the soil an alkaline reaction. 100 lbs. $2.50, 500 lbs. $10, ton $35.

Humus. Furnishes but little plant-food; highly valuable, however, as a soil ingredient, improving its texture and increasing its water-holding properties. May be used freely. 100 lbs. will cover 80 square feet 1 inch deep. Shipped in bags, 10 lbs. 75 cts., 50 lbs. $1.50, bag (100 lbs.) $2.50, 5 bags (500 lbs.) $10, 20 bags (1 ton) $30. In bulk in carload lots, minimum 20 tons, $10 per ton, f.o.b. plant.

Lime, Agricultural Hydrated. Corrects acid conditions of the soil, and at the same time is a plant-food. Binds loose soils and curiously enough, opens heavy land. Quick acting. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. $1.25, 50 lbs. $2, 100 lbs. $2.75, 500 lbs. $9.50, ton $27.50.

Muriate of Potash. Excellent for potatoes, corn, grains, etc. Use from 350 to 750 pounds per acre. 5 lbs. $1, 10 lbs. $1.75, 25 lbs. $2.50, 50 lbs. $4.75, 100 lbs. $7.

Nitrate of Soda. A plant stimulant. Adds nitrogen in a form which is immediately available to the plants. Forces a heavy, succulent growth in lettuce and similar leaf vegetables. Use it sparingly and with great care, not more than 1 ½ ounces per square yard. As a liquid fertilizer, one ounce may be dissolved in one gallon of water. Lb. 25 cts., 5 lbs. 75 cts., 10 lbs. $1.25, 25 lbs. $1.75, 50 lbs. $3.25, 100 lbs. $4.50, 500 lbs. $17.50, ton $60.

Nitrophoska. Is a complete fertilizer containing 15 per cent nitrogen, 30 per cent phosphoric acid, and 15 per cent potash, all available. Clean, odorless, and practically water-soluble. Lb. 25 cts., 5 lbs. 90 cts., 10 lbs. $1.50, 25 lbs. $2.75, 100 lbs. $5.85, 500 lbs. $28.

Pulverized Poultry Manure. An excellent fertilizer, rich in plant-food, for all garden crops. Dig in 3 to 16 ounces per square yard, or ½ to 2 ½ tons to the acre. 100 lbs. $4.50, 500 lbs. $17, ton $60.

Scotch Soot. A valuable plant-food. On grass, or dusted around vegetables or on the plants themselves, it discourages caterpillars, slugs, grubs, and worms. 5 lbs. 75 cts., 25 lbs. $2, 50 lbs. $3.75, 100 lbs. $6, 5 bags $25, ton $80.

Sheep Manure. A pure, natural, nutritious, pulverized manure that is immediate and lasting in effect. Use liberally and incorporate well with the soil. 5 lbs. 50 cts., 10 lbs. 90 cts., 25 lbs. $1.50, 50 lbs. $2.75, 100 lbs. $4, 500 lbs. $15, ton $50.

Shredded Cattle Manure. A soil-builder and ideal mulch that is especially recommended for crops in hot, sandy soils. Increases bacterial action and adds humus to the soil. 100 lbs. $5, 500 lbs. $20, ton $65.

Stimugerm. Nitrogen-fixing bacteria for all leguminous plants. Small garden unit 25 cts.; postpaid 35 cts. Large seed units, ½bus. 35 cts., bus. 60 cts., 5 bus. $2.25. Clover units, ¼bus. 35 cts., ½bus. 60 cts., bus. $1, 2½ bus. $2.25. When ordering, state crop for which Stimugerm is desired.

Sulphate of Ammonia. A nitrogenous plant-stimulant. Highly refined pure white, granulated, free from excess tar and acid. Very quick in action. 5 lbs. 50 cts., 10 lbs. 90 cts., 25 lbs. $1.75, 50 lbs. $3.25, 100 lbs. $5, 500 lbs. $17.50, ton $60.

Sulphate of Potash. For all acid-loving plants such as rhododendrons, azaleas, kalmias. Sprinkle around plants and water in thoroughly. 5 lbs. $1, 10 lbs. $1.75, 25 lbs. $2.50, 50 lbs. $4.75, 100 lbs. $7.

Super-Phosphate. Adds phosphoric acid and a small quantity of lime. From 750 to 1,500 pounds may be applied to an acre of plowed land. 100 lbs. $2, ton $24.50.

Tankage (Blood and Bone). Similar in general effect to bone-meal, yielding lime and phosphoric acid. Used largely by greenhouse men. Apply 3 ounces per square yard (1,000 pounds to the acre) and rake in. 100 lbs. $5, 500 lbs. $20, ton $70.

Tobacco Fertilizer. For lawns, vegetables, and farm crops. In addition to its value as a fertilizer, it discourages many soil-pests, such as beetles, ants, cutworms and snails. A slow-acting fertilizer, rich in potash. Use from 2 ½ to 3 ½ tons per acre, 1 to 1 ½ lbs. to the square yard. 100 lbs. $4.50, 500 lbs. $17.50, ton $60.

Tobacco Stems. Placed around the roots of roses and other plants; occasionally recommended as a dressing for grass over winter. Feeds the plants, protects against cold, retains moisture, deters insects. Use from 2 ½ to 3 ½ tons per acre; 1 to 1 ½ pounds to the square yard. 100 lbs. $4, 500 lbs. $15, ton $50.

Leaf-Mold, Moss and Peat

Sawco Leaf-Mold. Used for preparing rhododendron beds and as an ingredient in potting soil. Box (100 lbs.) $3.50, ton (in bags) $50.

Moss, Sheet, Natural Green. For covering pots or tubs, for decorating the conservatory, rock-garden, etc. Bag (10 lbs.) $5.

Moss, Dry Sphagnum. For wrapping around plant roots, orchid-growing, covering conservatory soil, etc. Large bale $4.

Peat, Osmundi. For orchid-growing. Bbl. $5.

Potting Soil. A fine mixture of loam, leaf-mold, and sand. Suitable for house plants, ferns, etc.; excellent for growing bulbs. Pk. $1, bus. $2.50.

Sawco Peat Fiber. A vegetable product which remains in the soil for many years without decaying; in the meanwhile it absorbs moisture and holds it for the plants. Its presence in the top layer of a lawn adds materially to the resilient carpet-like feel of good turf. As a mulch around the roots of plants it is excellent. May be used freely. Large bale, 12 cubic feet) 22 bus.), $4; in lots of 5 bales, $3.50 per bale; in lots of 10 bales, $3 per bale. (Write for prices on carload lots.) Small sample bale (3 bus.) $1.25.

SPECIAL ORDER SHEET FOR COLORED ILLUSTRATIONS

High Quality Bulbs, Seeds, Plants for Autumn Planting

We, Stumpp & Walter Co., give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, or plants we send out, and will not be responsible for the crop.

*Date*_____ *1932*

AMOUNT ENCLOSED

*$*_____

Fall seeding on your lawn will produce best results. Grasses will root deeper and you will have less trouble from weeds.

STUMPP & WALTER CO.

132-138 Church St., New York

*Name*_____

*P. O. Box, Street or Rural Delivery*_____

*Post Office*_____ *State*_____

*Station or Express Office*_____
Only if different from Post Office

*Send by*_____
State if wanted by Mail, Express or Freight

*Superintendent or Gardener*_____
That we may enter for Catalogues

QUANTITY	ARTICLES WANTED	PRICE	
	TULIPS FOR COLOR HARMONY.		
	25 bulbs each of 4 varieties (100 bulbs) $4.		
	50 bulbs each of 4 varieties (200 bulbs) $7.50.		
	100 bulbs each of 4 varieties (400 bulbs) $14.50.		
	250 bulbs each of 4 varieties (1,000 bulbs) $35.		
	SPECIAL COLLECTION, 10 BULBS FOR THE ROCK-GARDEN.		
	10 bulbs each of 10 varieties (100 bulbs) $5.		
	25 bulbs each of 10 varieties (250 bulbs) $10.		
	THREE FINE HARDY LILIES.		
	Madonna Lily (Lilium candidum).		
	First-size bulbs, 15 cts. each, $1.50 per doz., $10 per 100.		
	Mammoth bulbs, 25 cts. each, $2.50 per doz., $20 per 100.		
	Jumbo bulbs, 40 cts. each, $4 per doz., $30 per 100.		
	Coral Lily (Lilium tenuifolium).		
	Select bulbs, 25 cts. each, $2.50 per doz., $20 per 100.		

PLEASE BE SURE TO FILL IN YOUR NAME AND ADDRESS ABOVE

QUANTITY	ARTICLES WANTED	PRICE	
	Royal Lily (Lilium regale).		
	First-size bulbs, 20 cts. each, $2 per doz., $15 per 100.		
	Mammoth bulbs, 35 cts. each, $3.50 per doz., $25 per 100.		
	Jumbo bulbs, 50 cts. each, $5 per doz., $40 per 100.		
	Monster bulbs, 75 cts. each, $7.50 per doz., $60 per 100.		
	SINGLE TULIP, DE WET.		
	80 cts. per doz., $6 per 100.		
	PARROT TULIP, FANTASY.		
	20 cts. each, $2 per doz., $15 per 100.		
	COLORFUL COLLECTION, 10 MAY-FLOWERING TULIPS.		
	10 bulbs each of 10 varieties (100 bulbs) $5.		
	25 bulbs each of 10 varieties (250 bulbs) $12.		
	50 bulbs each of 10 varieties (500 bulbs) $23.		
	100 bulbs each of 10 varieties (1,000 bulbs) $45.		
	THREE GORGEOUS SUMMER-BLOOMING LILIES.		
	Lilium tigrinum. 30 cts. each, $3 per doz., $20 per 100.		
	Lilium magnificum. 40 cts. each, $4 per doz., $30 per 100.		
	Lilium auratum. 35 cts. each, $3.50 per doz., $25 per 100.		
	SIX FINE DAFFODILS.		
	3 each of 6 varieties (18 bulbs) $2.		
	10 each of 6 varieties (60 bulbs) $6.		
	NARCISSUS FOR NATURALIZING.		
	$5 per 100, $45 per 1,000.		

PLEASE BE SURE TO FILL IN YOUR NAME AND ADDRESS ON FRONT PAGE

ORDER SHEET

High Quality Bulbs, Seeds, Plants for Autumn Planting

We, Stumpp & Walter Co., give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, or plants we send out, and will not be responsible for the crop.

*Date*_____ *1932*

AMOUNT ENCLOSED

$_____

Fall seeding on your lawn will produce best results. Grasses will root deeper and you will have less trouble from weeds.

STUMPP & WALTER CO.

132-138 Church St., New York

*Name*_____

*P. O. Box, Street or Rural Delivery*_____

*Post Office*_____ *State*_____

*Station or Express Office*_____

Only if different from Post Office

*Send by*_____

State if wanted by Mail, Express or Freight

*Superintendent or Gardener*_____

That we may enter for Catalogues

QUANTITY	ARTICLES WANTED	PRICE	

PLEASE BE SURE TO FILL IN YOUR NAME AND ADDRESS ABOVE

QUANTITY	ARTICLES WANTED	PRICE	

PLEASE BE SURE TO FILL IN YOUR NAME AND ADDRESS ON FRONT PAGE

Postage Will be Paid by Addressee

No Postage Stamp Necessary If Mailed in the United States

BUSINESS REPLY ENVELOPE

First Class Permit No. 1373, Sec. 384½, P. L. & R., New York, N. Y.

STUMPP & WALTER CO.,

132-138 Church Street,

(Corner of Warren Street)

NEW YORK, N. Y.

Six Fine Daffodils

	Each	Doz.	100
1 Sir Watkin	$0 15	$1 50	$10 00
2 King Alfred (First size)	20	2 00	15 00
3 Horace	15	1 25	10 00
4 Queen of the North	10	1 00	8 00
5 Spring Glory	20	2 00	15 00
6 Conspicuus	10	1 00	8 00

Special Collection Offer { 3 Bulbs each, 6 varieties (18 Bulbs).....$2.00
10 Bulbs each, 6 varieties (60 Bulbs)..... 6.00

Bulbs for Autumn Planting

NARCISSUS FOR NATURALIZING

A good season and larger acreage have produced such an abundant crop of American-grown Narcissus that the prices have fallen to the point where everybody can plant them with a prodigal hand. And what can be more lovely in spring than broad sweeps of golden Daffodils along the garden path or under the orchard trees? Their gay faces shine in the morning light like an incarnation of spring itself!

The mixture we offer for naturalizing purposes is especially prepared to include a wide diversity of types, and will yield not only unsurpassable landscape effects but large armfuls of lovely Daffodils and Narcissus for cutting. This year they are sensationally cheap and may not be so again. We strongly urge all our customers to plant Daffodils to the limit while the planting is good. Special prices for early purchasers—

ALL BULBS PRODUCED ON OUR OWN MILE-FRONT DAFFODIL FARM

$5 per 100, $45 per 1000

Bulbs for 1932

Stumpp & Walter Co

NEW YORK CITY

Autumn Planting